APPROVED FOR RELEASE: Thursday, September 11, 2003 CIA-RDP91-00403R000200430046-8

G
Graef, R.

Fundamentals and results of steel production in a rotor.
STAHL UND EISEN, Vol 77, 1957, pp 1-10
NTC 73-22000-11F

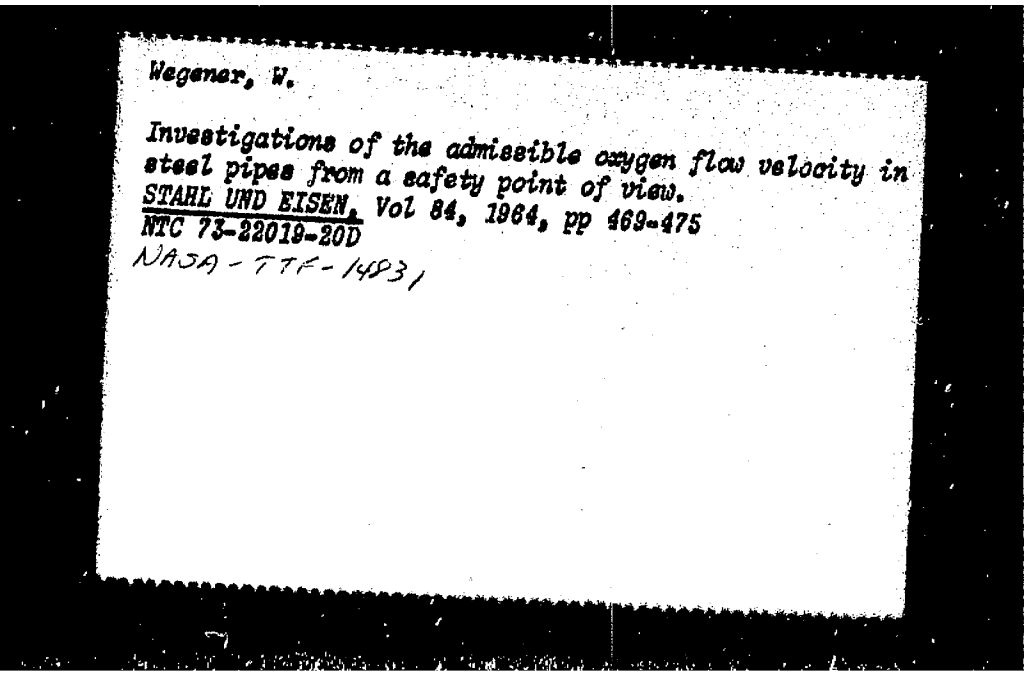
APPROVED FOR RELEASE: Thursday, September 11, 2003 CIA-RDP91-00403R000200430046-8

APPROVED FOR RELEASE: Thursday, September 11, 2003 CIA-RDP91-00403R000200430046-8

UNKNOWN
//STAHL EISEN PRUFBLATT//
--/12/1961, V----, N----
Microscopic test of steels for grain size by comparison with standard charts
pp not given BISI 12452##

APPROVED FOR RELEASE: Thursday, September 11, 2003 CIA-RDP91-00403R000200430046-8

APPROVED FOR RELEASE: Thursday, September 11, 2003 CIA-RDP91-00403R000200430046-8



Wegener, W.

Investigations of the admissible oxygen flow velocity in steel pipes from a safety point of view.
STAHL UND EISEN, Vol 84, 1964, pp 469-475
NTC 73-22019-20D
NASA-TTF-14831

APPROVED FOR RELEASE: Thursday, September 11, 2003 CIA-RDP91-00403R000200430046-8

APPROVED FOR RELEASE: Thursday, September 11, 2003 CIA-RDP91-00403R000200430046-8

EXPERIENCES WITH LONG WORK FORGING MACHINES

HARING WERNER LANGUAGE-GE COUNTRY-AU

STAHL UND EISEN NO 9 23 APRIL 1964 VOL 84 PP 513-

FSTC-HT-23-0552-74

APPROVED FOR RELEASE: Thursday, September 11, 2003 CIA-RDP91-00403R000200430046-8

APPROVED FOR RELEASE: Thursday, September 11, 2003 CIA-RDP91-00403R000200430046-8

Schaefers, W.

The Estimation of Variations in the Moisture Ash and Sulphur Content of Blast Furnace Coke.
STAHL EISEN., 1965, Vol.85, No.23, pp.1509-1516
BISI 10567

APPROVED FOR RELEASE: Thursday, September 11, 2003 CIA-RDP91-00403R000200430046-8

APPROVED FOR RELEASE: Thursday, September 11, 2003 CIA-RDP91-00403R000200430046-8

Pollehn, W.

Acoustic Method for Controlling Blowing Processes in Basic Oxygen Steel Converters.
STAHL EISEN, 1968, Vol.88, No.9, pp.457-9.
BISI 10576

APPROVED FOR RELEASE: Thursday, September 11, 2003 CIA-RDP91-00403R000200430046-8

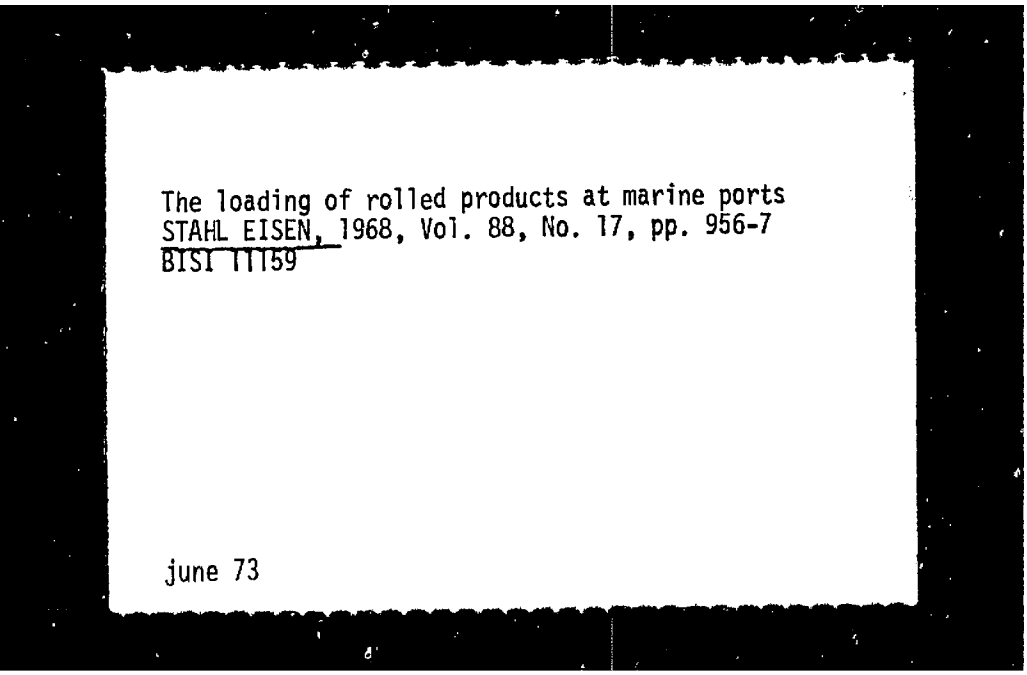
APPROVED FOR RELEASE: Thursday, September 11, 2003 CIA-RDP91-00403R000200430046-8

Schwier, F.

The Behaviour of High-Strength Steel Wire under Multi-Axial Fatigue Stresses.
STAHL EISEN, 1968, Vol.88, No.10, pp.492-499.
BISI 6733

APPROVED FOR RELEASE: Thursday, September 11, 2003 CIA-RDP91-00403R000200430046-8

APPROVED FOR RELEASE: Thursday, September 11, 2003 CIA-RDP91-00403R000200430046-8



APPROVED FOR RELEASE: Thursday, September 11, 2003 CIA-RDP91-00403R000200430046-8

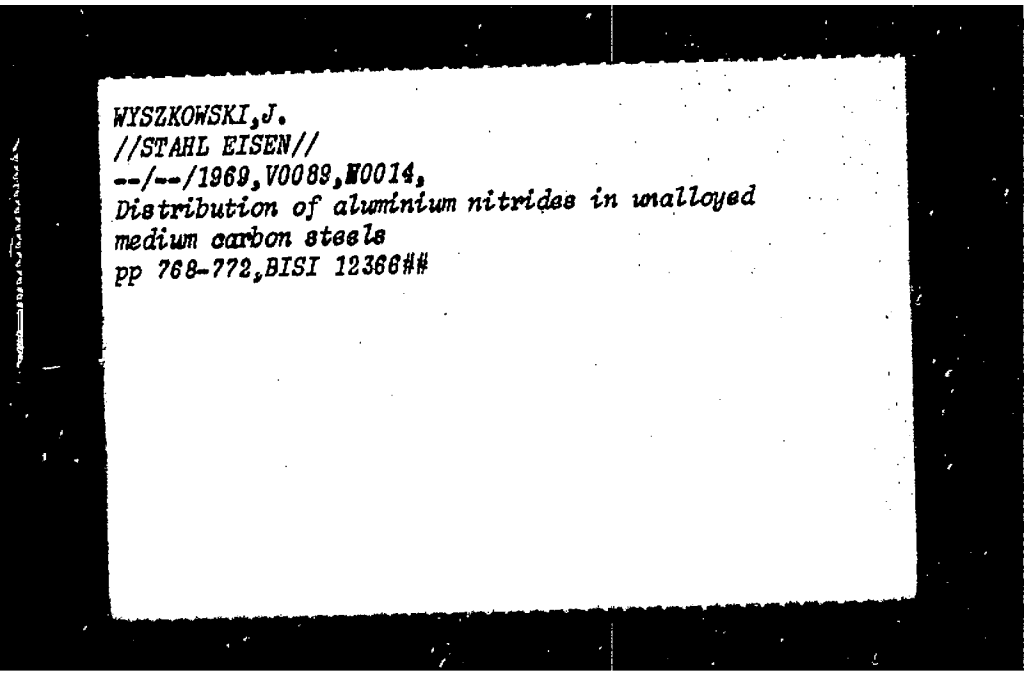
APPROVED FOR RELEASE: Thursday, September 11, 2003 CIA-RDP91-00403R000200430046-8

Study of the Distribution of Lead in Free-Cutting Steel Containing Sulphur and Lead, by H. Mayer.
STAHL EISEN, 1968, Vol 88, Dec. 26, pp 1445-9.
BISI 11101

April 73

APPROVED FOR RELEASE: Thursday, September 11, 2003 CIA-RDP91-00403R000200430046-8

APPROVED FOR RELEASE: Thursday, September 11, 2003 CIA-RDP91-00403R000200430046-8



WYSZKOWSKI,J.
//STAHL EISEN//
--/--/1969,V0089,N0014,
Distribution of aluminium nitrides in unalloyed
medium carbon steels
pp 768-772,BISI 12366##

APPROVED FOR RELEASE: Thursday, September 11, 2003 CIA-RDP91-00403R000200430046-8

APPROVED FOR RELEASE: Thursday, September 11, 2003 CIA-RDP91-00403R000200430046-8

Langhammer, H. J.

Experiments in the continuous desulfurization of pig iron
STAH UND EISEN, Vol 89, 1969, #4, pp. 776-780
HB 8715

may 73

APPROVED FOR RELEASE: Thursday, September 11, 2003 CIA-RDP91-00403R000200430046-8

APPROVED FOR RELEASE: Thursday, September 11, 2003 CIA-RDP91-00403R000200430046-8

Weidermuller, C. et al.

Testing refractory materials in semi-industrial experimental plants.
STAHL EISEN, 1970, Vol. 90, No. 1, pp. 13-20.
*BISI 11224

APPROVED FOR RELEASE: Thursday, September 11, 2003 CIA-RDP91-00403R000200430046-8

APPROVED FOR RELEASE: Thursday, September 11, 2003 CIA-RDP91-00403R000200430046-8

Weigel, U.

The Testing of Very Fine Sheet and Tinplate
STAHL EISEN, 1970, Vol. 90, No. 11, pp 579-586
BISI 10660

APPROVED FOR RELEASE: Thursday, September 11, 2003 CIA-RDP91-00403R000200430046-8

APPROVED FOR RELEASE: Thursday, September 11, 2003 CIA-RDP91-00403R000200430046-8

BUHLET, H. et al
//STAHL UND EISEN,//
--/--/1970, V0090, N0017,
Possibilities of unfluencing grain size during hardening from forging temperature
pp 917-922 BISI 12385##

APPROVED FOR RELEASE: Thursday, September 11, 2003 CIA-RDP91-00403R000200430046-8

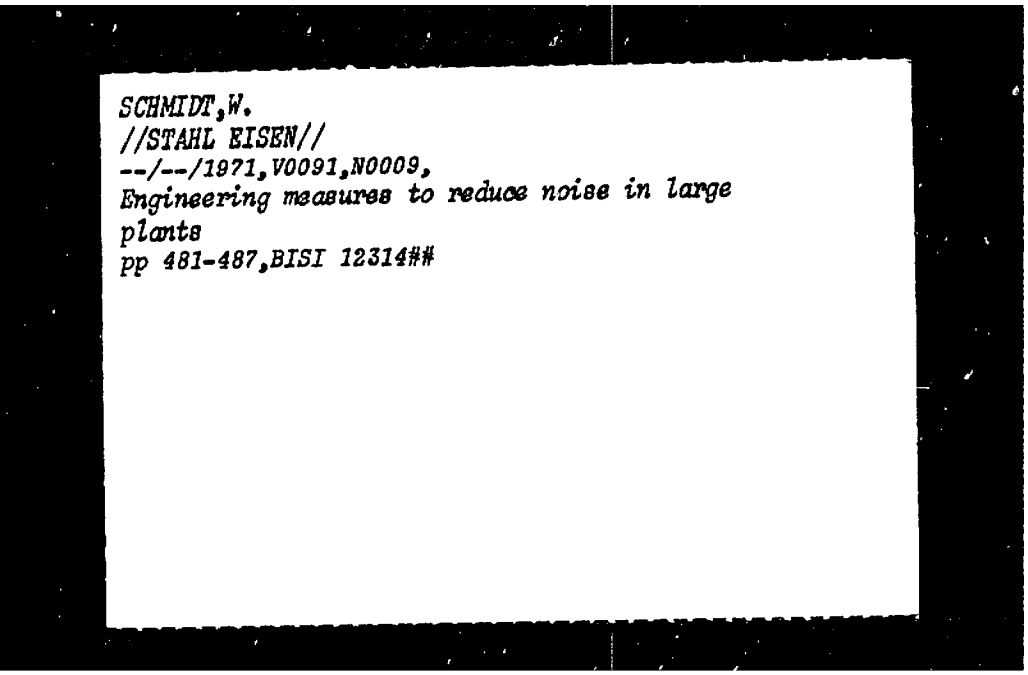
APPROVED FOR RELEASE: Thursday, September 11, 2003 CIA-RDP91-00403R000200430046-8

Marciniak, Z.

Experience in Cold Extrusion of Steel Workpieces with a Nutating Die.
STAHL EISEN, 1970, Vol.90, 1 Oct. pp.1077-80.
BISI 11137

APPROVED FOR RELEASE: Thursday, September 11, 2003 CIA-RDP91-00403R000200430046-8

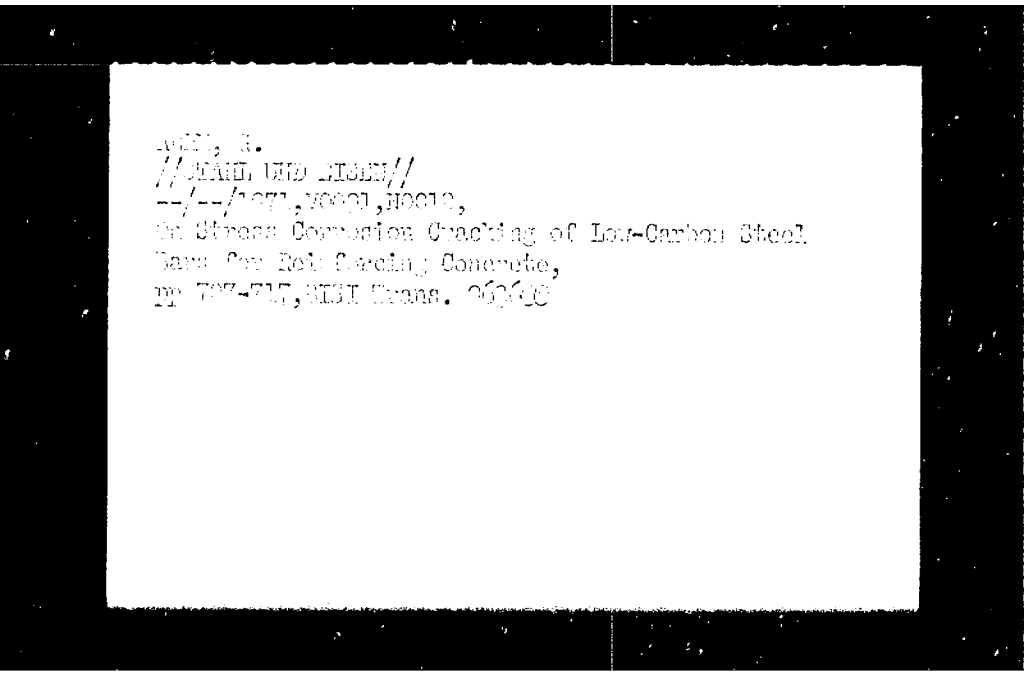
APPROVED FOR RELEASE: Thursday, September 11, 2003 CIA-RDP91-00403R000200430046-8



SCHMIDT,W.
//STAHL EISEN//
--/--/1971,V0091,N0009,
Engineering measures to reduce noise in large
plants
pp 481-487,BISI 12314##

APPROVED FOR RELEASE: Thursday, September 11, 2003 CIA-RDP91-00403R000200430046-8

APPROVED FOR RELEASE: Thursday, September 11, 2003 CIA-RDP91-00403R000200430046-8



APPROVED FOR RELEASE: Thursday, September 11, 2003 CIA-RDP91-00403R000200430046-8

APPROVED FOR RELEASE: Thursday, September 11, 2003 CIA-RDP91-00403R000200430046-8

Wissel, H.

The Employment of Small Computers in the Technical Sector of an Iron and Steelworks.
STAHL EISEN, 1971, Vol. 91, No. 13, 24 June, pp. 748-754
BISI 11241

APPROVED FOR RELEASE: Thursday, September 11, 2003 CIA-RDP91-00403R000200430046-8

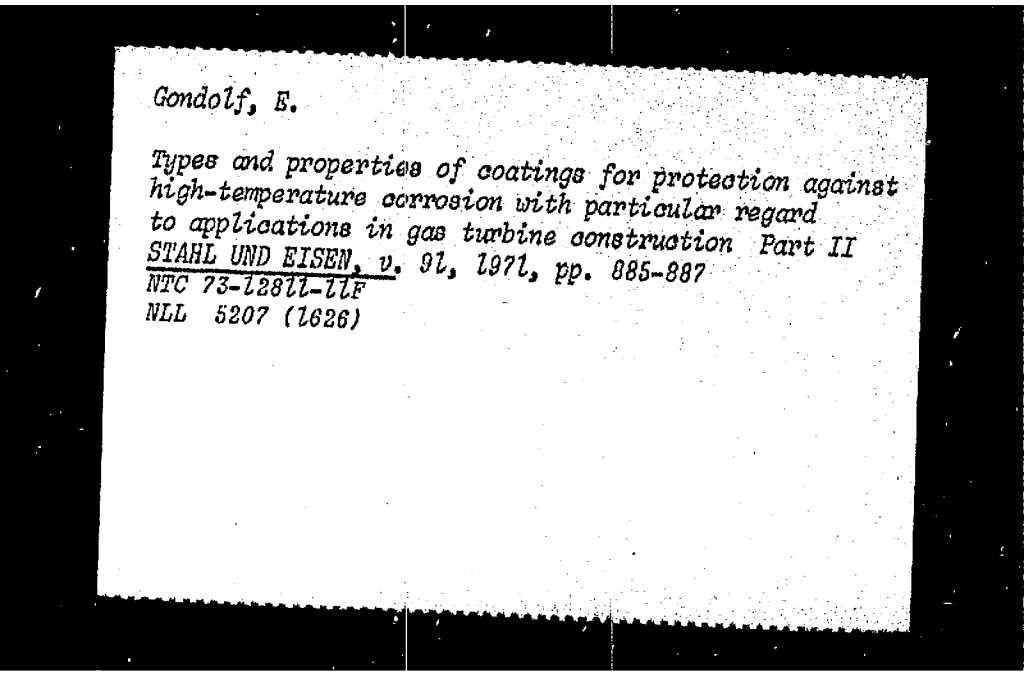
APPROVED FOR RELEASE: Thursday, September 11, 2003 CIA-RDP91-00403R000200430046-8

The Use of a Computer for Data Acquisition, Data Processing: and Automation of Melting Shops, by R. Dessau, et al.
STAHL EISEN, 1971, No 13, pp 754-60.
BISI 0938

April 73

APPROVED FOR RELEASE: Thursday, September 11, 2003 CIA-RDP91-00403R000200430046-8

APPROVED FOR RELEASE: Thursday, September 11, 2003 CIA-RDP91-00403R000200430046-8



Gondolf, E.

Types and properties of coatings for protection against high-temperature corrosion with particular regard to applications in gas turbine construction Part II
STAHL UND EISEN, v. 91, 1971, pp. 885-887
NTC 73-12811-11F
NLL 5207 (1626)

APPROVED FOR RELEASE: Thursday, September 11, 2003 CIA-RDP91-00403R000200430046-8

APPROVED FOR RELEASE: Thursday, September 11, 2003 CIA-RDP91-00403R000200430046-8

K. HUBER

Detection of Weak Points and Elimination of Their Causes in the Planned Maintenance of Iron and Steelwork.

STAHL UND EISEN, Vol 91, pp 961-966, 1971.

BISI 10558

Mar 73

APPROVED FOR RELEASE: Thursday, September 11, 2003 CIA-RDP91-00403R000200430046-8

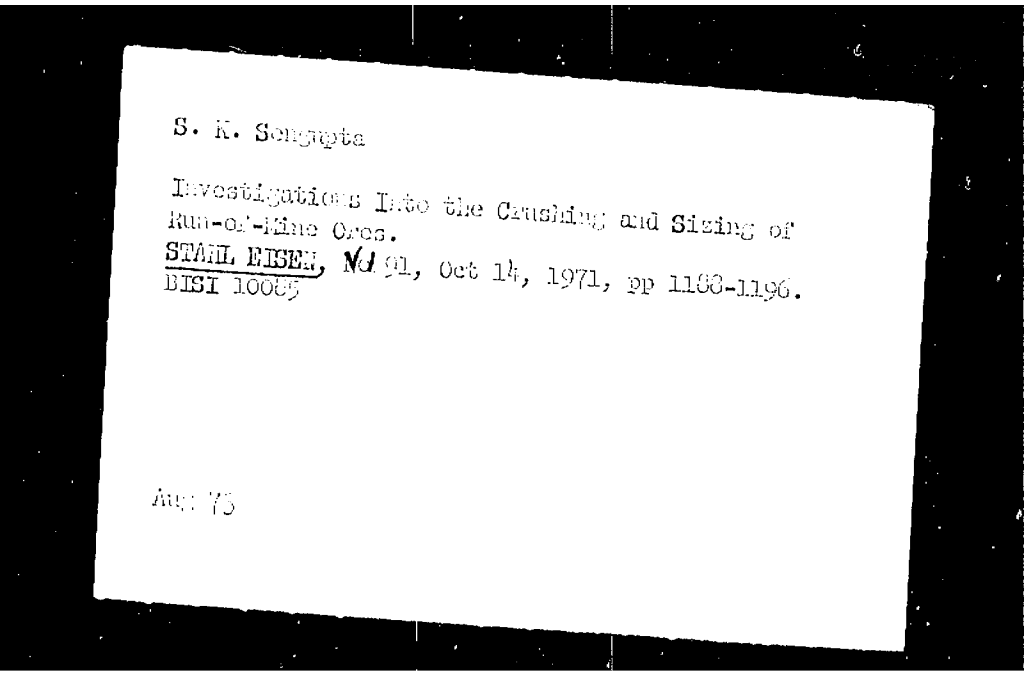
APPROVED FOR RELEASE: Thursday, September 11, 2003 CIA-RDP91-00403R000200430046-8

Masuhr, H.

Briquets made from lime-flux mixes for accelerated slag building
STAHL UND EISEN, v. 91, 1971, pp. 1105-1109
HB-8686

APPROVED FOR RELEASE: Thursday, September 11, 2003 CIA-RDP91-00403R000200430046-8

APPROVED FOR RELEASE: Thursday, September 11, 2003 CIA-RDP91-00403R000200430046-8



S. K. Sengupta

Investigations Into the Crushing and Sizing of Run-of-Mine Ores.
STAHL EISEN, Vol 91, Oct 14, 1971, pp 1188-1196.
BISI 10005

Aug 75

APPROVED FOR RELEASE: Thursday, September 11, 2003 CIA-RDP91-00403R000200430046-8

APPROVED FOR RELEASE: Thursday, September 11, 2003 CIA-RDP91-00403R000200430046-8

H. K. Vellguth, et al

The Supply and Use of Water in the Iron and Steel Industry.
STAHL EISEN, [redacted]92, Vol 91, 1971, pp 1270-1279.
DIGI 10331

An. 13

APPROVED FOR RELEASE: Thursday, September 11, 2003 CIA-RDP91-00403R000200430046-8

APPROVED FOR RELEASE: Thursday, September 11, 2003 CIA-RDP91-00403R000200430046-8

R. KRACKE

The Couple-Motion Weighing of Railway Wagons.
STAHL UND EISEN, Vol 91, pp 1323-1327, 1971.
BISI 10165

Mar 73

APPROVED FOR RELEASE: Thursday, September 11, 2003 CIA-RDP91-00403R000200430046-8

APPROVED FOR RELEASE: Thursday, September 11, 2003 CIA-RDP91-00403R000200430046-8

Schmidt, W.

Constitution of Solid Drawing compounds and Requirements to be Met by Solid Lubricants During Wire Drawing.
STAHL UND EISEN, Vol.91, 1971, No.24, pp.1374-1381.
HB 8673

APPROVED FOR RELEASE: Thursday, September 11, 2003 CIA-RDP91-00403R000200430046-8

APPROVED FOR RELEASE: Thursday, September 11, 2003 CIA-RDP91-00403R000200430046-8

Friedl, R.

The Optimum Control of Energy Supply in Steel Works.
STAHL EISEN, 1971, Mar. 4.
*BISI 11484

APPROVED FOR RELEASE: Thursday, September 11, 2003 CIA-RDP91-00403R000200430046-8

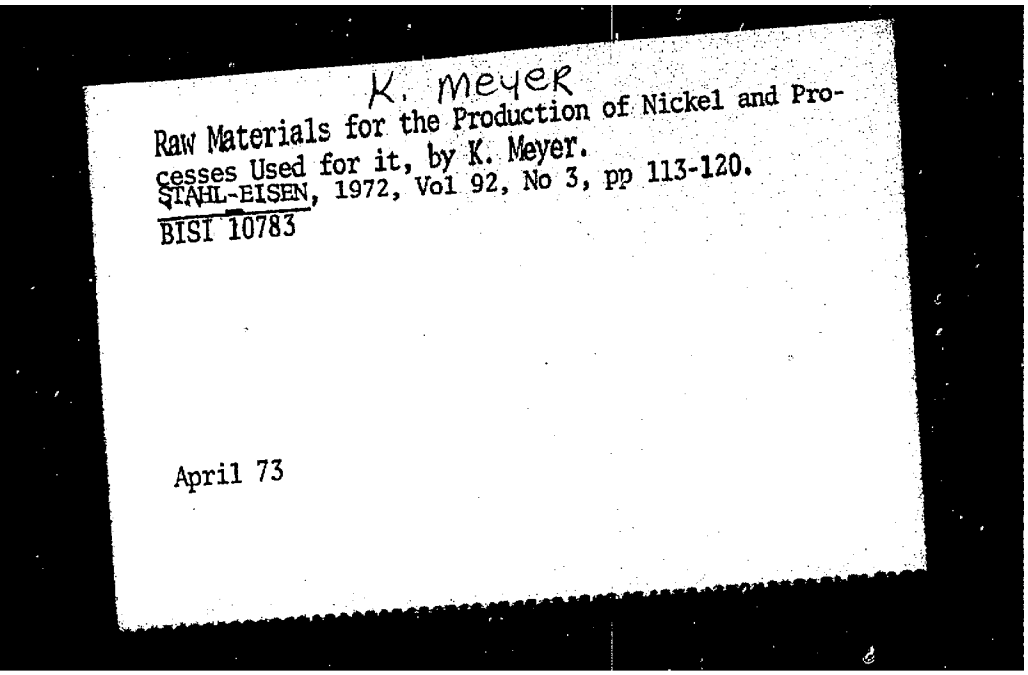
APPROVED FOR RELEASE: Thursday, September 11, 2003 CIA-RDP91-00403R000200430046-8

Zepter, K.H.

The Ore Trans-Shipment Plant Europort-Election and Operational Experiences.
STAHL EISEN, 1972, Vol. 92, No. 3, pp.93-101
BISI 10566

APPROVED FOR RELEASE: Thursday, September 11, 2003 CIA-RDP91-00403R000200430046-8

APPROVED FOR RELEASE: Thursday, September 11, 2003 CIA-RDP91-00403R000200430046-8



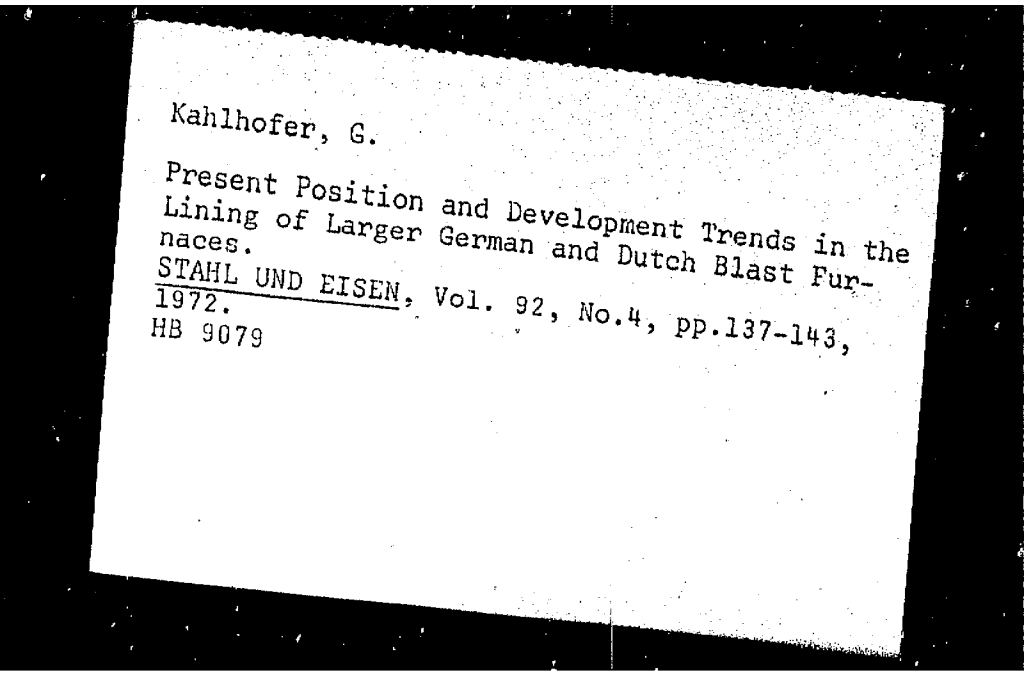
K. Meyer

Raw Materials for the Production of Nickel and Processes Used for it, by K. Meyer.
STAHL-EISEN, 1972, Vol 92, No 3, pp 113-120.
BISI 10783

April 73

APPROVED FOR RELEASE: Thursday, September 11, 2003 CIA-RDP91-00403R000200430046-8

APPROVED FOR RELEASE: Thursday, September 11, 2003 CIA-RDP91-00403R000200430046-8



Kahlhofer, G.

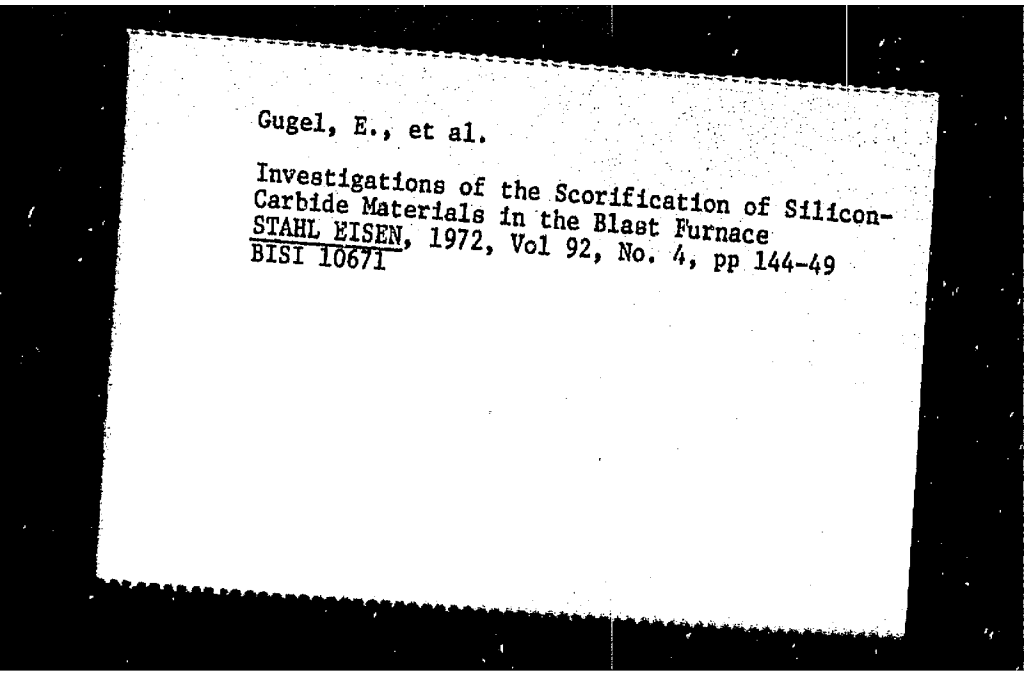
Present Position and Development Trends in the Lining of Larger German and Dutch Blast Furnaces.

STAHL UND EISEN, Vol. 92, No.4, pp.137-143, 1972.

HB 9079

APPROVED FOR RELEASE: Thursday, September 11, 2003 CIA-RDP91-00403R000200430046-8

APPROVED FOR RELEASE: Thursday, September 11, 2003 CIA-RDP91-00403R000200430046-8



Gugel, E., et al.

Investigations of the Scorification of Silicon-Carbide Materials in the Blast Furnace
STAHL EISEN, 1972, Vol 92, No. 4, pp 144-49
BISI 10671

APPROVED FOR RELEASE: Thursday, September 11, 2003 CIA-RDP91-00403R000200430046-8

APPROVED FOR RELEASE: Thursday, September 11, 2003 CIA-RDP91-00403R000200430046-8

Kunkele, R. et al

Use and Properties of Refractory Materials in High-Temperature Hot Blast Stoves.
STAHL EISEN., 1972, Vol.92, No.4, pp.149-154.
BISI 10327

APPROVED FOR RELEASE: Thursday, September 11, 2003 CIA-RDP91-00403R000200430046-8

APPROVED FOR RELEASE: Thursday, September 11, 2003 CIA-RDP91-00403R000200430046-8

Tomsu, F. et al

Thermo-Mechanical Behaviour of Silica Bricks in Hot Blast Stoves.
STAHL EISEN, 1972, V.92, N.4, pp.157-61.
BISI 10328

APPROVED FOR RELEASE: Thursday, September 11, 2003 CIA-RDP91-00403R000200430046-8

APPROVED FOR RELEASE: Thursday, September 11, 2003 CIA-RDP91-00403R000200430046-8

Funke, P. et al.

Controlling Recrystallization of A Killed Low-Carbon Steel by Means of A Preceding Tempering Treatment

STAHL-UND EISNE, 1972, 92, (5), pp 181-185

BISI-10510

APPROVED FOR RELEASE: Thursday, September 11, 2003 CIA-RDP91-00403R000200430046-8

APPROVED FOR RELEASE: Thursday, September 11, 2003 CIA-RDP91-00403R000200430046-8

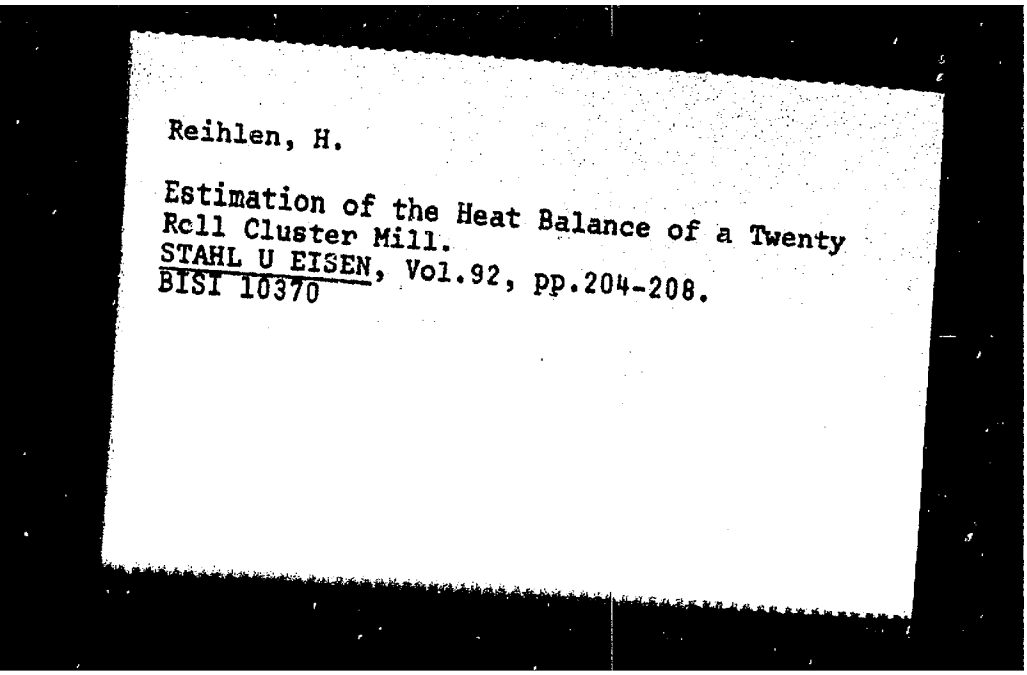
P. Funke et al

Effect of High Rates of Heating and Cooling on the Strip Properties in the Process-Annealing of Plain Rimming-Steel Cold Strips, by P. Funke et al. STAHL EISEN, 1972, Vol 92, No 5, pp 186-95. BISI 10344

April 73

APPROVED FOR RELEASE: Thursday, September 11, 2003 CIA-RDP91-00403R000200430046-8

APPROVED FOR RELEASE: Thursday, September 11, 2003 CIA-RDP91-00403R000200430046-8



Reihlen, H.

Estimation of the Heat Balance of a Twenty Roll Cluster Mill.
STAHL U EISEN, Vol.92, pp.204-208.
BISI 10370

APPROVED FOR RELEASE: Thursday, September 11, 2003 CIA-RDP91-00403R000200430046-8

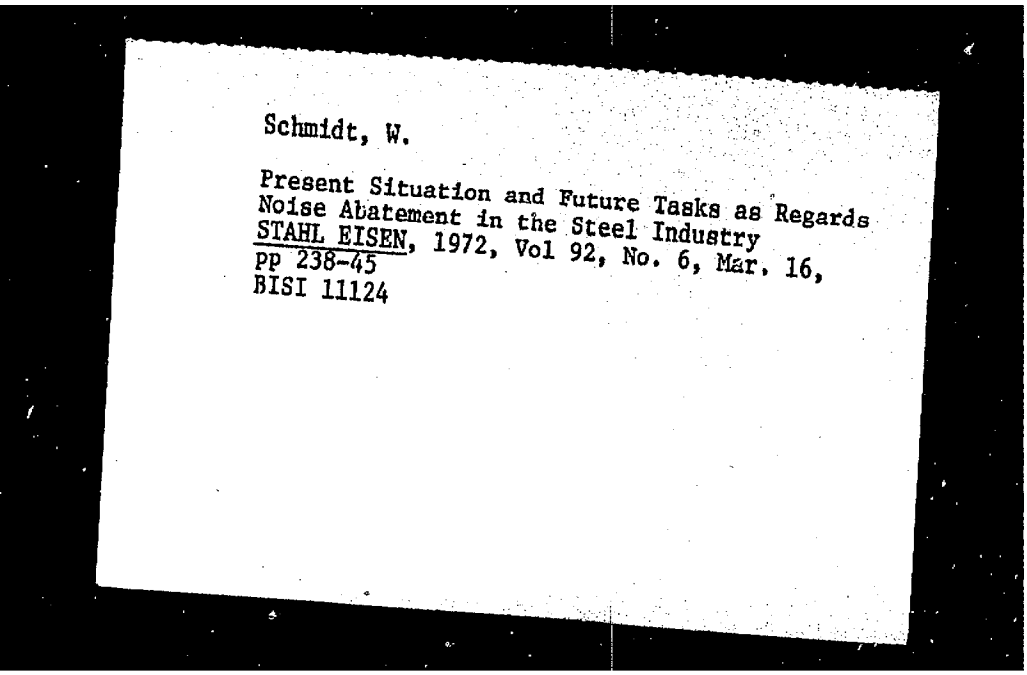
APPROVED FOR RELEASE: Thursday, September 11, 2003 CIA-RDP91-00403R000200430046-8

Buhler, H.

Difficulties Inherent in the Manufacture of Ausformed Forgings and How To Overcome Them. STAHL UND EISEN, Vol.92, 1972, No.5, pp.209-211.
HB 8757

APPROVED FOR RELEASE: Thursday, September 11, 2003 CIA-RDP91-00403R000200430046-8

APPROVED FOR RELEASE: Thursday, September 11, 2003 CIA-RDP91-00403R000200430046-8

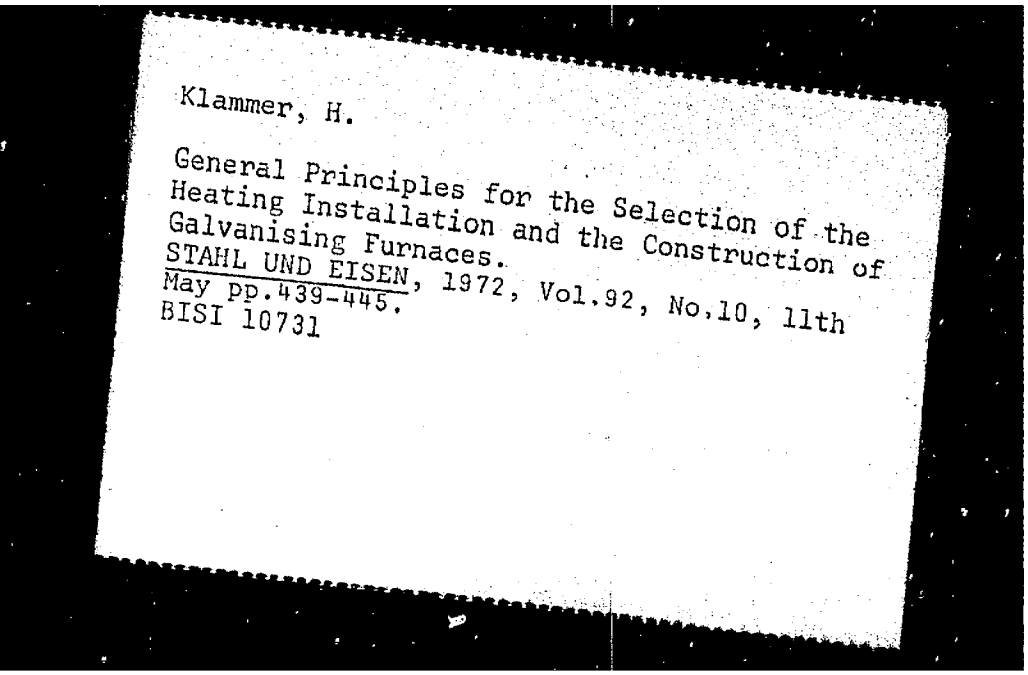


Schmidt, W.

Present Situation and Future Tasks as Regards Noise Abatement in the Steel Industry
STAHL EISEN, 1972, Vol 92, No. 6, Mar. 16,
pp 238-45
BISI 11124

APPROVED FOR RELEASE: Thursday, September 11, 2003 CIA-RDP91-00403R000200430046-8

APPROVED FOR RELEASE: Thursday, September 11, 2003 CIA-RDP91-00403R000200430046-8



Klammer, H.

General Principles for the Selection of the Heating Installation and the Construction of Galvanising Furnaces.
STAHL UND EISEN, 1972, Vol.92, No.10, 11th May pp.439-445.
BISI 10731

APPROVED FOR RELEASE: Thursday, September 11, 2003 CIA-RDP91-00403R000200430046-8

APPROVED FOR RELEASE: Thursday, September 11, 2003 CIA-RDP91-00403R000200430046-8

Ito, M.

Maintenance and Modernization of the 68" Hot Strip Mill At Keihin.
STAHL EISEN, 1972, No.10, pp.456-459.
BISI 11107

APPROVED FOR RELEASE: Thursday, September 11, 2003 CIA-RDP91-00403R000200430046-8

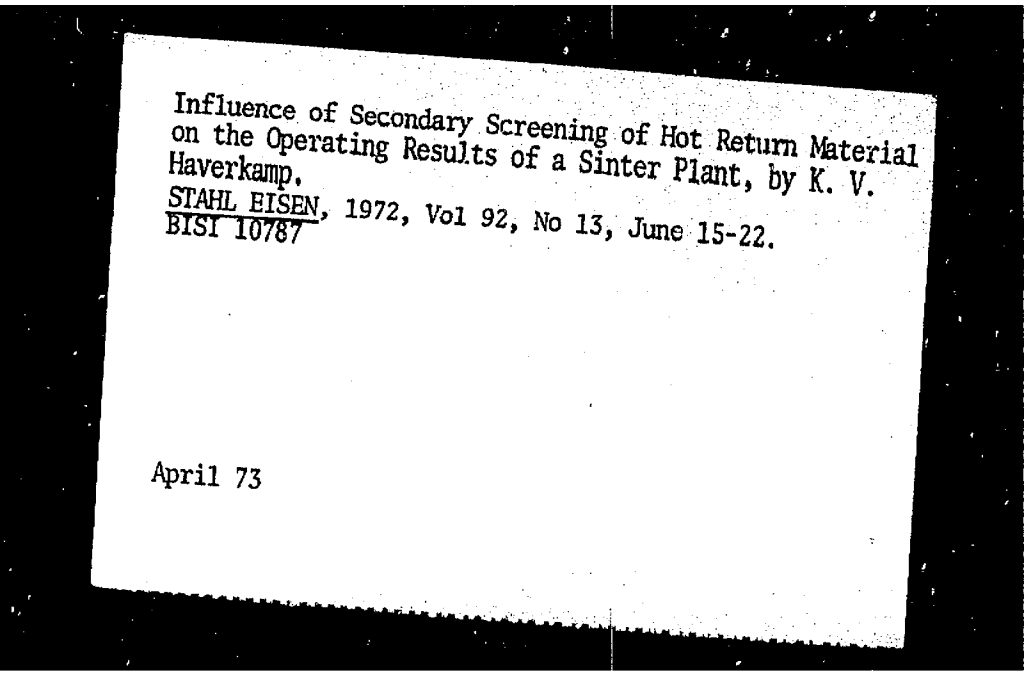
APPROVED FOR RELEASE: Thursday, September 11, 2003 CIA-RDP91-00403R000200430046-8

Haucke, M. et al

Protection of Water Courses Against Pollution and Solid Waste Disposal in the Steel Industry.
STAHL EISEN, 1972, Vol.92, No.12, pp.565-575.
BISI 10639

APPROVED FOR RELEASE: Thursday, September 11, 2003 CIA-RDP91-00403R000200430046-8

APPROVED FOR RELEASE: Thursday, September 11, 2003 CIA-RDP91-00403R000200430046-8

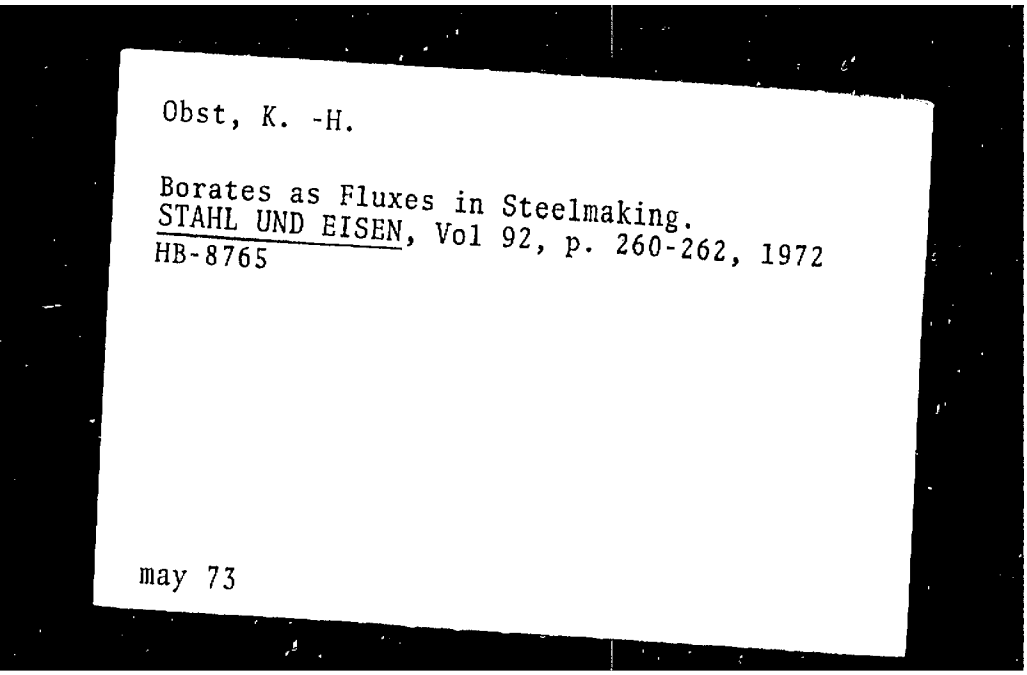


Influence of Secondary Screening of Hot Return Material on the Operating Results of a Sinter Plant, by K. V. Haverkamp.
STAHL EISEN, 1972, Vol 92, No 13, June 15-22.
BISI 10787

April 73

APPROVED FOR RELEASE: Thursday, September 11, 2003 CIA-RDP91-00403R000200430046-8

APPROVED FOR RELEASE: Thursday, September 11, 2003 CIA-RDP91-00403R000200430046-8



Obst, K. -H.

Borates as Fluxes in Steelmaking.
STAHL UND EISEN, Vol 92, p. 260-262, 1972
HB-8765

may 73

APPROVED FOR RELEASE: Thursday, September 11, 2003 CIA-RDP91-00403R000200430046-8

APPROVED FOR RELEASE: Thursday, September 11, 2003 CIA-RDP91-00403R000200430046-8

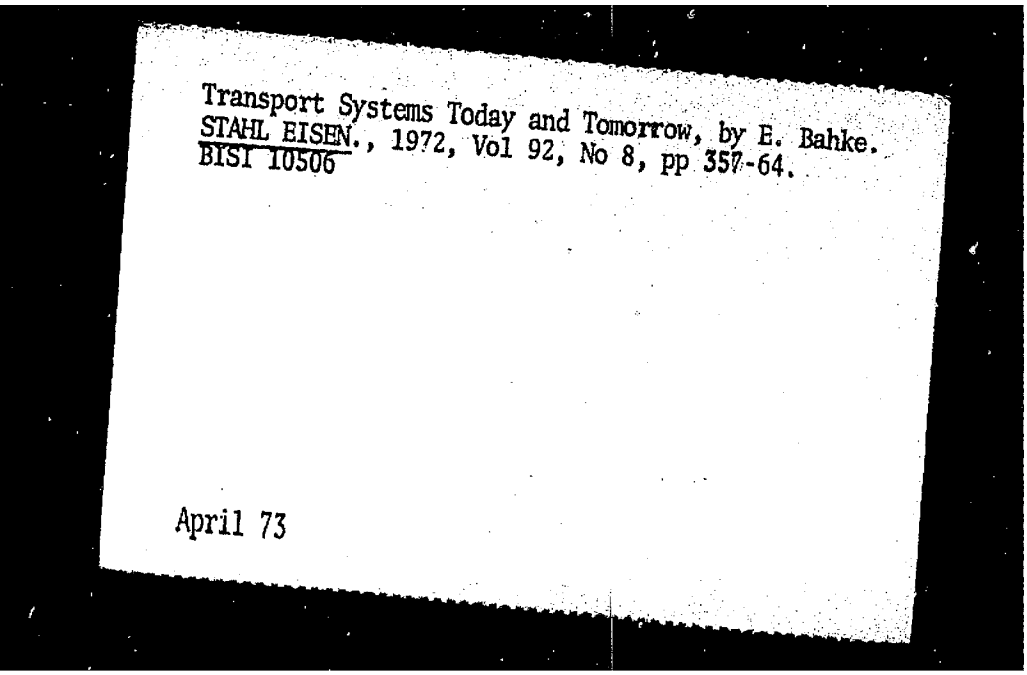
Vom Ende, H.

Relationships in the operation of large basic oxygen
ld furnaces and continuous casting plants.
STAHL UND EISEN, Vol 92, p. 329-334, 1972
HB-8770,

may 73

APPROVED FOR RELEASE: Thursday, September 11, 2003 CIA-RDP91-00403R000200430046-8

APPROVED FOR RELEASE: Thursday, September 11, 2003 CIA-RDP91-00403R000200430046-8



Transport Systems Today and Tomorrow, by E. Bahke.
STAHL EISEN., 1972, Vol 92, No 8, pp 357-64.
BIST I0506

April 73

APPROVED FOR RELEASE: Thursday, September 11, 2003 CIA-RDP91-00403R000200430046-8

APPROVED FOR RELEASE: Thursday, September 11, 2003 CIA-RDP91-00403R000200430046-8

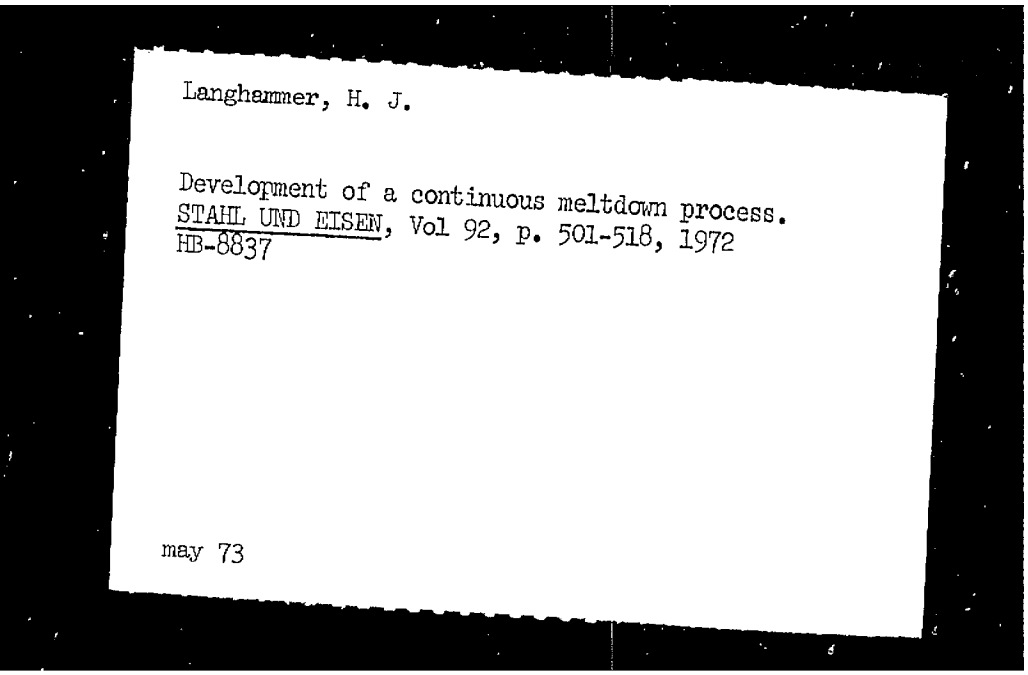
G. ALICH

Maintenance and Modernisation of the Kethin 68" Hot Strip Mill.
STAHL UND EISEN, Vol 92, No 10, pp 456-459, 1972.
BISI 10514

Mar 73

APPROVED FOR RELEASE: Thursday, September 11, 2003 CIA-RDP91-00403R000200430046-8

APPROVED FOR RELEASE: Thursday, September 11, 2003 CIA-RDP91-00403R000200430046-8



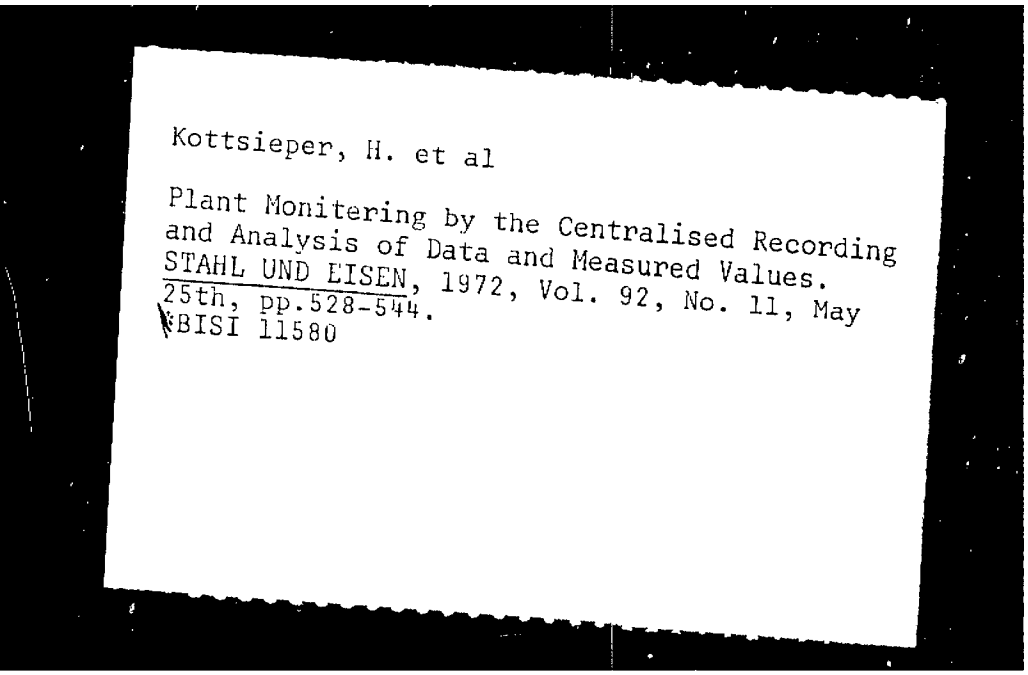
Langhammer, H. J.

Development of a continuous meltdown process.
STAHL UND EISEN, Vol 92, p. 501-518, 1972
HB-8837

may 73

APPROVED FOR RELEASE: Thursday, September 11, 2003 CIA-RDP91-00403R000200430046-8

APPROVED FOR RELEASE: Thursday, September 11, 2003 CIA-RDP91-00403R000200430046-8



Kottsieper, H. et al

Plant Monitering by the Centralised Recording and Analysis of Data and Measured Values.
STAHL UND EISEN, 1972, Vol. 92, No. 11, May 25th, pp.528-544.
BISI 11580

APPROVED FOR RELEASE: Thursday, September 11, 2003 CIA-RDP91-00403R000200430046-8

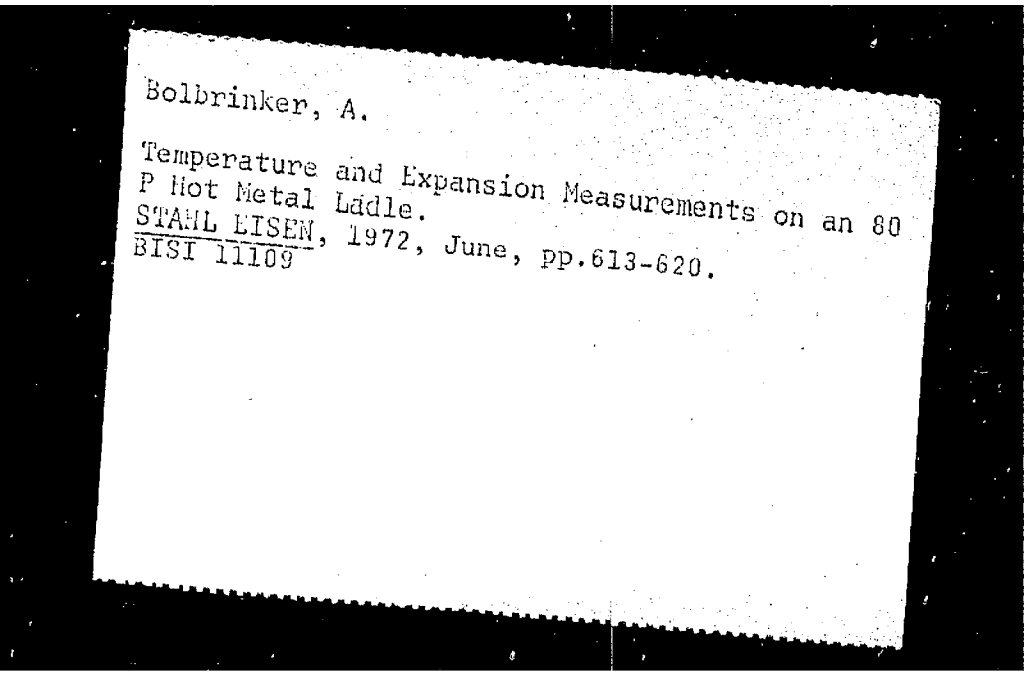
APPROVED FOR RELEASE: Thursday, September 11, 2003 CIA-RDP91-00403R000200430046-8

Theobald, W.

Protection of Water Resources and Clean Air in the Steel Industry.
STAHL UND EISEN, vol. 92, 1972, No. 12, pp.584-599.
HB 8870

APPROVED FOR RELEASE: Thursday, September 11, 2003 CIA-RDP91-00403R000200430046-8

APPROVED FOR RELEASE: Thursday, September 11, 2003 CIA-RDP91-00403R000200430046-8

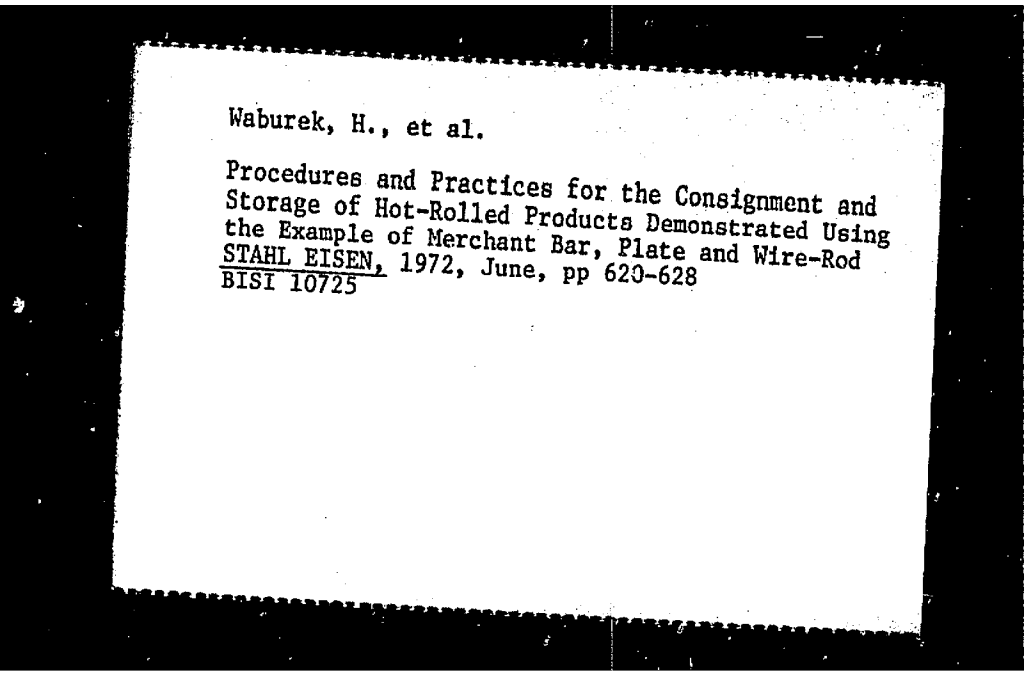


Bolbrinker, A.

Temperature and Expansion Measurements on an 80 P Hot Metal Ladle.
STAHL EISEN, 1972, June, pp.613-620.
BISI 11109

APPROVED FOR RELEASE: Thursday, September 11, 2003 CIA-RDP91-00403R000200430046-8

APPROVED FOR RELEASE: Thursday, September 11, 2003 CIA-RDP91-00403R000200430046-8

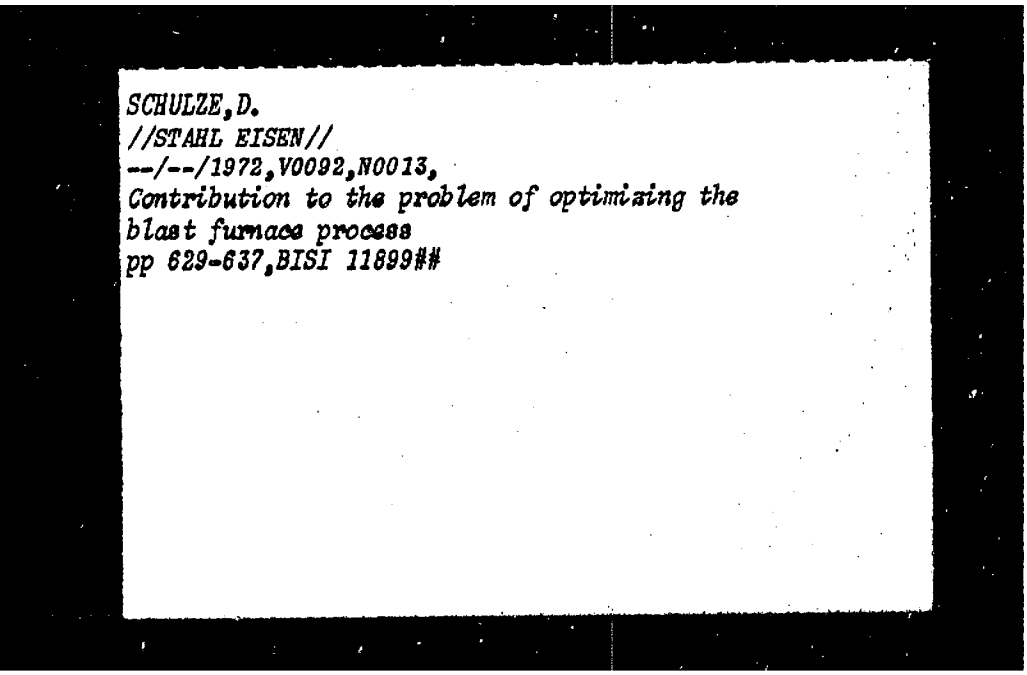


Waburek, H., et al.

Procedures and Practices for the Consignment and Storage of Hot-Rolled Products Demonstrated Using the Example of Merchant Bar, Plate and Wire-Rod
STAHL EISEN, 1972, June, pp 620-628
BISI 10725

APPROVED FOR RELEASE: Thursday, September 11, 2003 CIA-RDP91-00403R000200430046-8

APPROVED FOR RELEASE: Thursday, September 11, 2003 CIA-RDP91-00403R000200430046-8



SCHULZE,D.
//STAHL EISEN//
--/--/1972,V0092,N0013,
Contribution to the problem of optimizing the
blast furnace process
pp 629-637,BISI 11899##

APPROVED FOR RELEASE: Thursday, September 11, 2003 CIA-RDP91-00403R000200430046-8

APPROVED FOR RELEASE: Thursday, September 11, 2003 CIA-RDP91-00403R000200430046-8

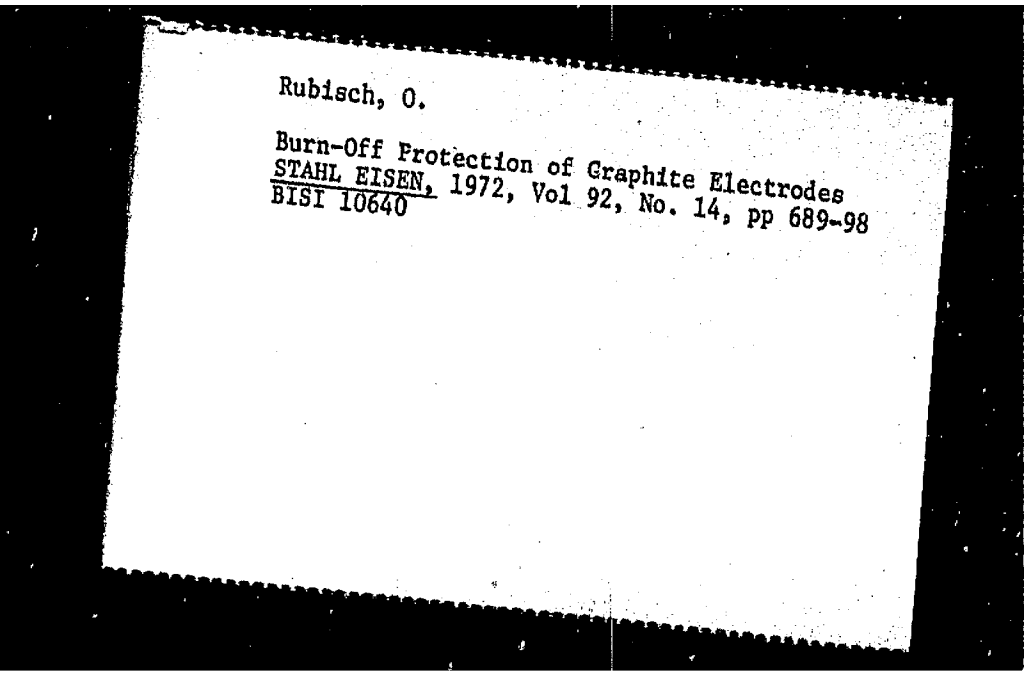
Kreutzer, H. W.

Arc furnaces in Austria, Benelux and Nordic countries, and West Germany.
STAHL UND EISEN, Vol 92, p. 637-639, 1972.
HB-8840

may 73

APPROVED FOR RELEASE: Thursday, September 11, 2003 CIA-RDP91-00403R000200430046-8

APPROVED FOR RELEASE: Thursday, September 11, 2003 CIA-RDP91-00403R000200430046-8



Rubisch, O.

Burn-Off Protection of Graphite Electrodes
STAHL EISEN, 1972, Vol 92, No. 14, pp 689-98
BISI 10640

APPROVED FOR RELEASE: Thursday, September 11, 2003 CIA-RDP91-00403R000200430046-8

APPROVED FOR RELEASE: Thursday, September 11, 2003 CIA-RDP91-00403R000200430046-8

H. W. Kreutzer

Vacuum Treatment of Molten Steel
STAHL EISEN, Vol 92, No 15, 1972, pp 716-24.
DIST 10077

Sept 73

APPROVED FOR RELEASE: Thursday, September 11, 2003 CIA-RDP91-00403R000200430046-8

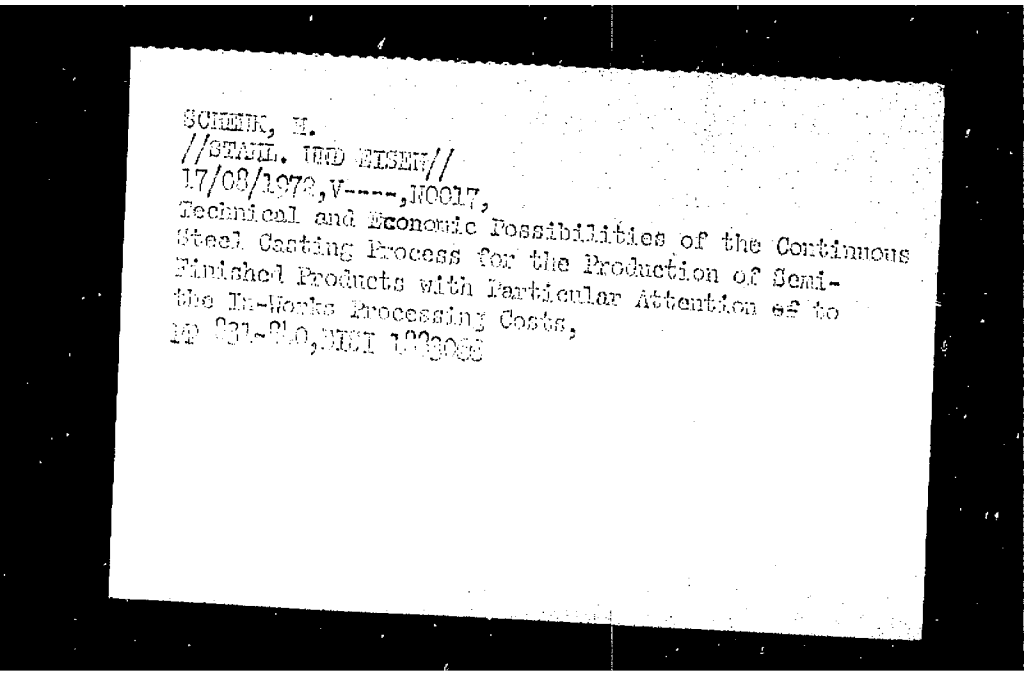
APPROVED FOR RELEASE: Thursday, September 11, 2003 CIA-RDP91-00403R000200430046-8

Kosmider, H.

New production processes of special steels.
STAHL UND EISEN, 1972, p. 784-789, v. 92.
HB-8841

APPROVED FOR RELEASE: Thursday, September 11, 2003 CIA-RDP91-00403R000200430046-8

APPROVED FOR RELEASE: Thursday, September 11, 2003 CIA-RDP91-00403R000200430046-8



SCHENK, H.
//STAHL. UND EISEN//
17/08/1972,V----,N0017,
Technical and Economic Possibilities of the Continuous Steel Casting Process for the Production of Semi-Finished Products with Particular Attention ~~s~~ to the In-Works Processing Costs,
12 S31-S40,UNCL 1003033

APPROVED FOR RELEASE: Thursday, September 11, 2003 CIA-RDP91-00403R000200430046-8

APPROVED FOR RELEASE: Thursday, September 11, 2003 CIA-RDP91-00403R000200430046-8

Fischer, P.

New Developments and Techniques in Single Screw Extrusion.
STAHL UND EISEN., 1972, Vol. 92, pp.840-43.
*BISI 11567

APPROVED FOR RELEASE: Thursday, September 11, 2003 CIA-RDP91-00403R000200430046-8

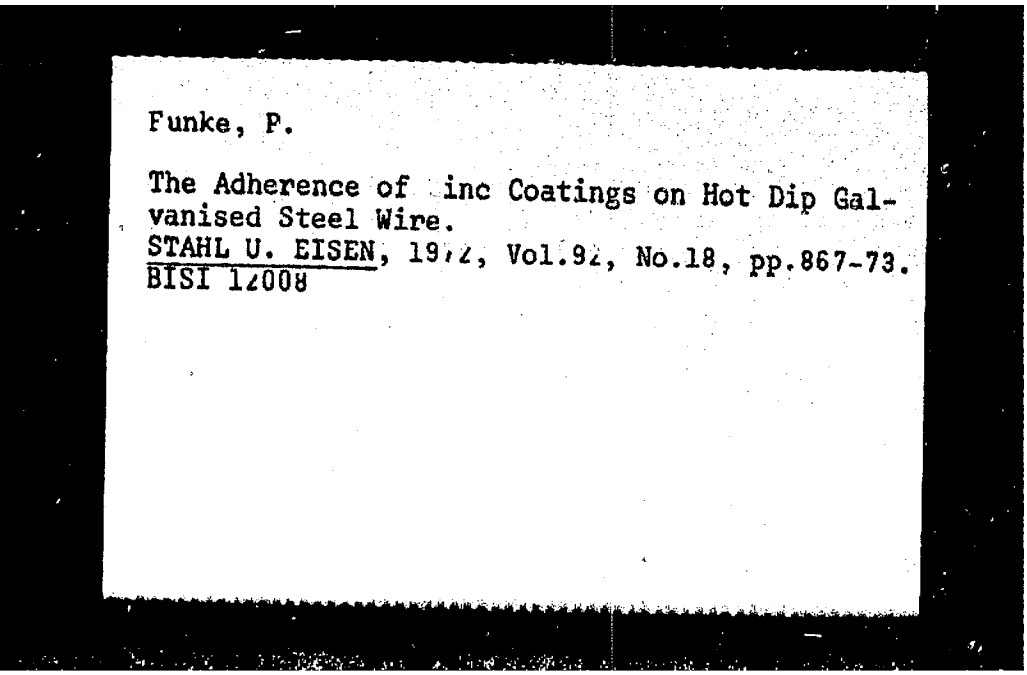
APPROVED FOR RELEASE: Thursday, September 11, 2003 CIA-RDP91-00403R000200430046-8

Mollers, K.H.

Review of the Possible Growth of Containerised Transport in Metallurgical Works.
STAHL EISEN, 1972, Vol. 92, Aug., pp.840-843.
BISI 11578

APPROVED FOR RELEASE: Thursday, September 11, 2003 CIA-RDP91-00403R000200430046-8

APPROVED FOR RELEASE: Thursday, September 11, 2003 CIA-RDP91-00403R000200430046-8



Funke, P.

The Adherence of inc Coatings on Hot Dip Galvanised Steel Wire.
STAHL U. EISEN, 19?2, Vol.92, No.18, pp.867-73.
BISI 12008

APPROVED FOR RELEASE: Thursday, September 11, 2003 CIA-RDP91-00403R000200430046-8

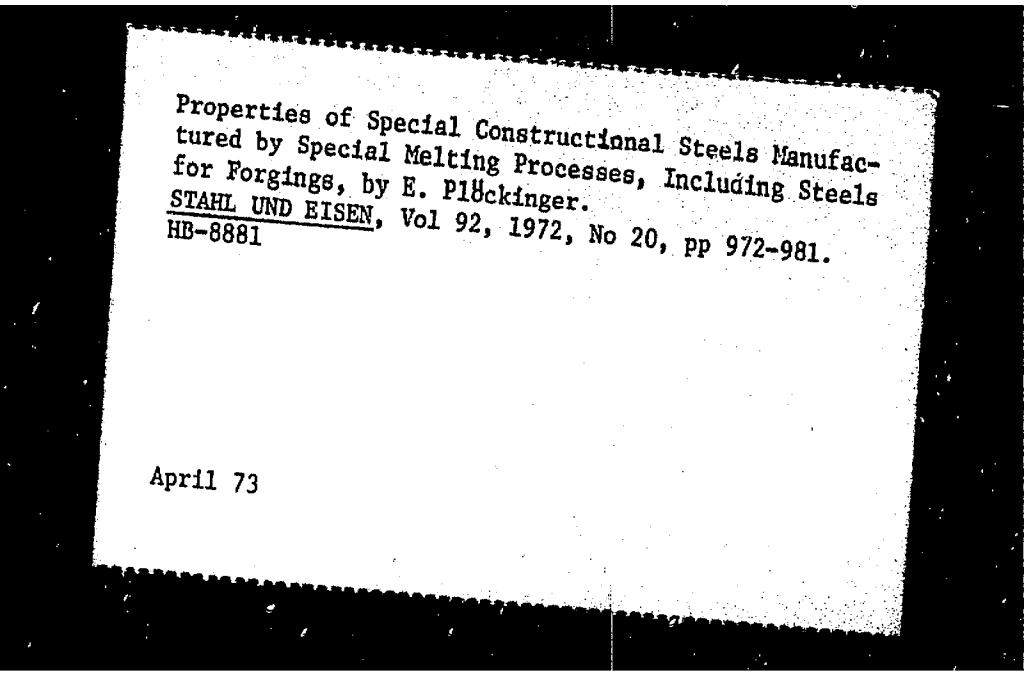
APPROVED FOR RELEASE: Thursday, September 11, 2003 CIA-RDP91-00403R000200430046-8

Process Technology and Metallurgy of the Special Processes for the Manufacture of High-Quality Steels, by M. Wahlster and H. Spitzer.
STAHL UND EISEN, Vol 92, 1972, No 20, pp 961-972.
HB-8880

April 73

APPROVED FOR RELEASE: Thursday, September 11, 2003 CIA-RDP91-00403R000200430046-8

APPROVED FOR RELEASE: Thursday, September 11, 2003 CIA-RDP91-00403R000200430046-8

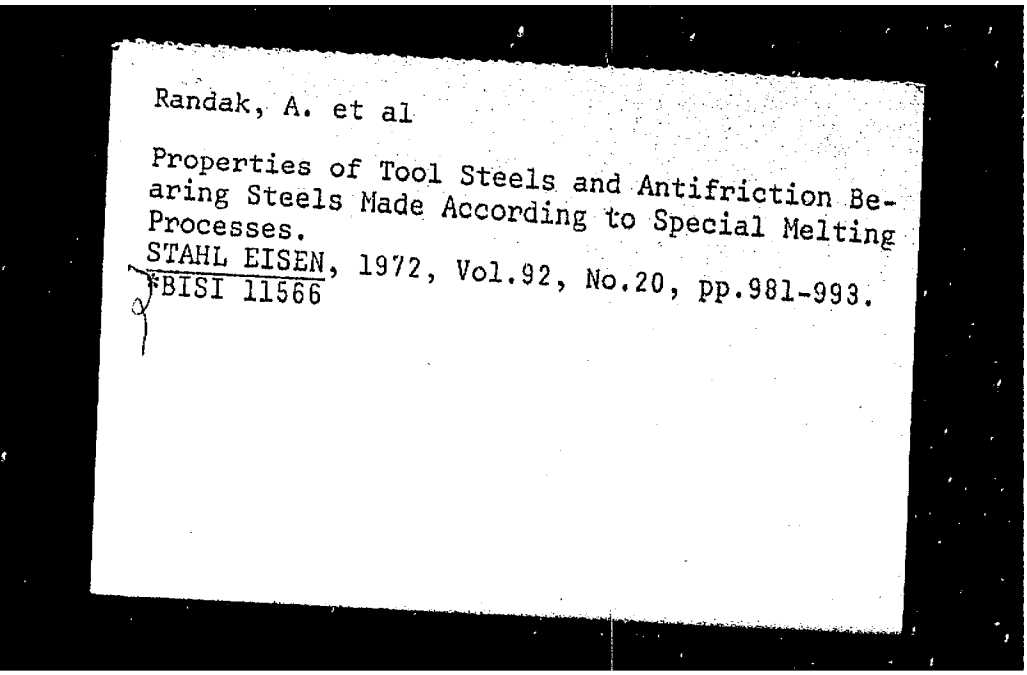


Properties of Special Constructional Steels Manufactured by Special Melting Processes, Including Steels for Forgings, by E. Plöckinger.
STAHL UND EISEN, Vol 92, 1972, No 20, pp 972-981.
HB-8881

April 73

APPROVED FOR RELEASE: Thursday, September 11, 2003 CIA-RDP91-00403R000200430046-8

APPROVED FOR RELEASE: Thursday, September 11, 2003 CIA-RDP91-00403R000200430046-8



Randak, A. et al

Properties of Tool Steels and Antifriction Bearing Steels Made According to Special Melting Processes.
STAHL EISEN, 1972, Vol.92, No.20, pp.981-993.
*BISI 11566

APPROVED FOR RELEASE: Thursday, September 11, 2003 CIA-RDP91-00403R000200430046-8

APPROVED FOR RELEASE: Thursday, September 11, 2003 CIA-RDP91-00403R000200430046-8

Hettingger, J.

Salient Points of Ironic Analysis in the Steel Industry.
STAHL EISEN, 1972, Nov., No. 9, pp.1165-1169.
*BISI 11439

APPROVED FOR RELEASE: Thursday, September 11, 2003 CIA-RDP91-00403R000200430046-8

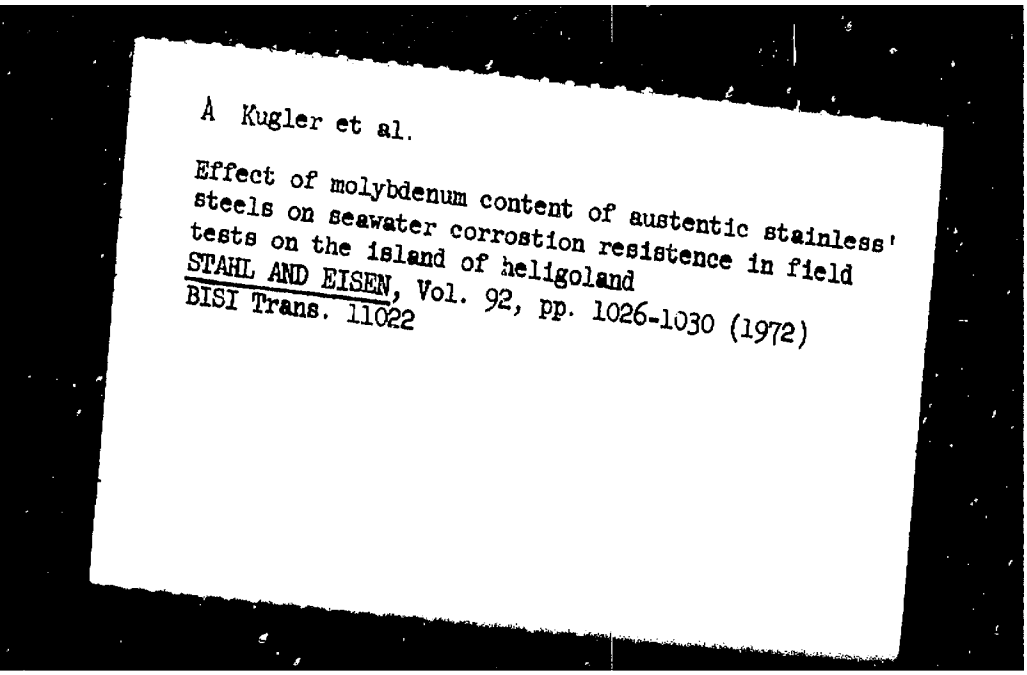
APPROVED FOR RELEASE: Thursday, September 11, 2003 CIA-RDP91-00403R000200430046-8

Properties of Stainless Steels and High-Temperature Strength Alloys Produced by Special Melting Processes, by H. Spitzer.
STAHL UND EISEN, Vol 92, 1972, No 20, pp 994-1002.
HB-8882

April 73

APPROVED FOR RELEASE: Thursday, September 11, 2003 CIA-RDP91-00403R000200430046-8

APPROVED FOR RELEASE: Thursday, September 11, 2003 CIA-RDP91-00403R000200430046-8



A Kugler et al.

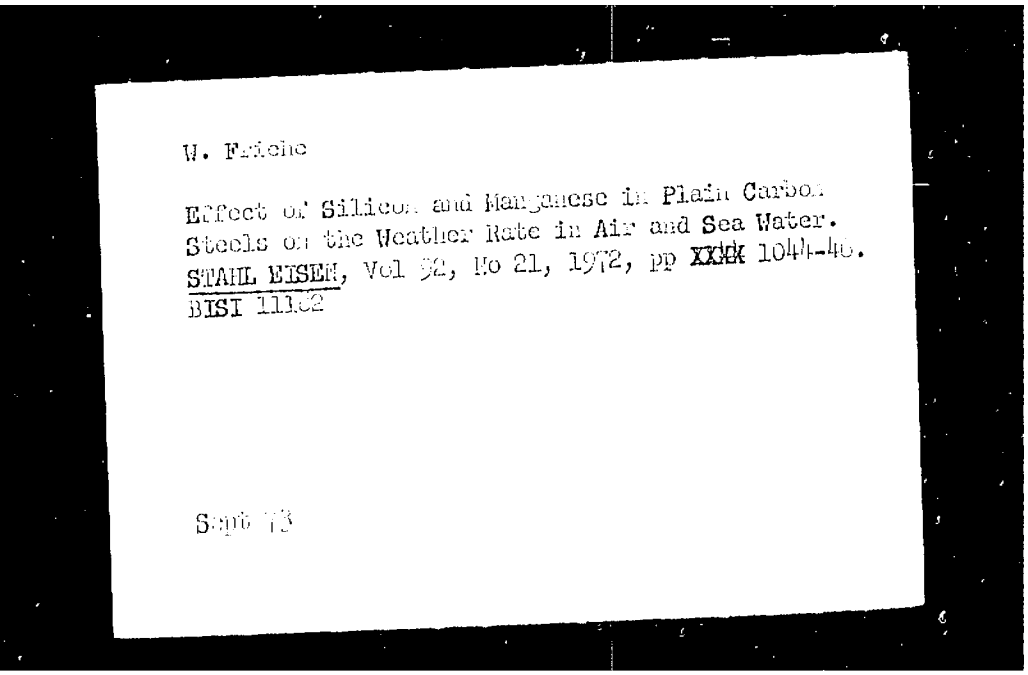
Effect of molybdenum content of austentic stainless steels on seawater corrostion resistence in field tests on the island of heligoland

STAHL AND EISEN, Vol. 92, pp. 1026-1030 (1972)

BISI Trans. 11022

APPROVED FOR RELEASE: Thursday, September 11, 2003 CIA-RDP91-00403R000200430046-8

APPROVED FOR RELEASE: Thursday, September 11, 2003 CIA-RDP91-00403R000200430046-8



W. Fritche

Effect of Silicon and Manganese in Plain Carbon Steels on the Weather Rate in Air and Sea Water.
STAHL EISEN, Vol 92, No 21, 1972, pp ~~XXXX~~ 1044-46.
BISI 11102

Sept 73

APPROVED FOR RELEASE: Thursday, September 11, 2003 CIA-RDP91-00403R000200430046-8

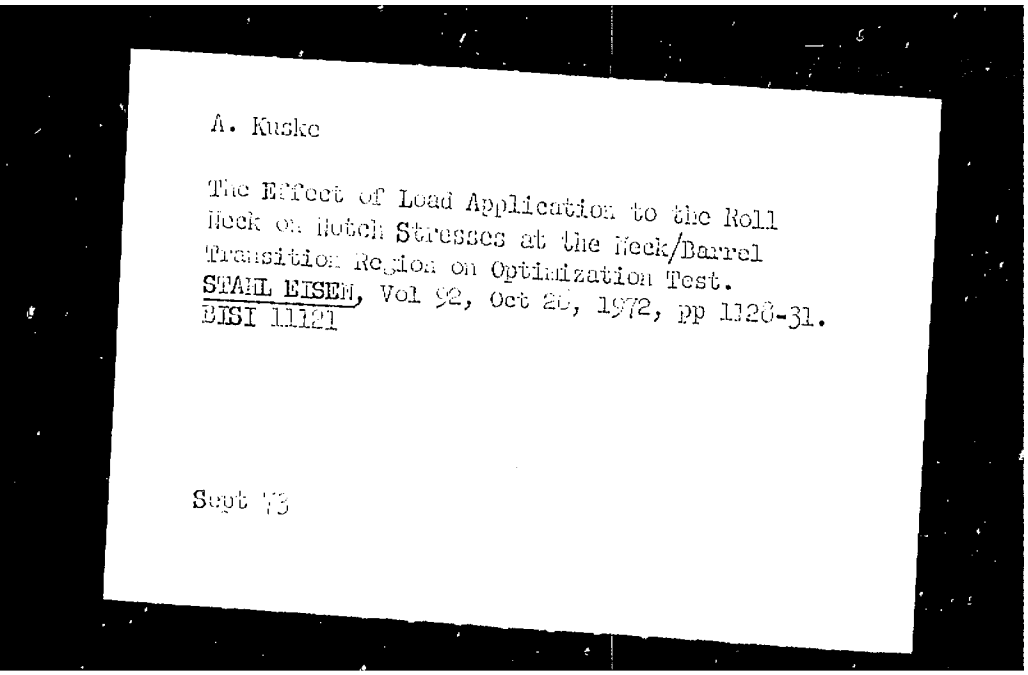
APPROVED FOR RELEASE: Thursday, September 11, 2003 CIA-RDP91-00403R000200430046-8

Funke, P.

Effect of different rolling conditions in a hot rolling mill for wide strip on the surface on the rolls and of the rolled product.
STAHL UND EISEN, Vol 92, 1972, pp 1113-1122
NTC 73-14025-13H

APPROVED FOR RELEASE: Thursday, September 11, 2003 CIA-RDP91-00403R000200430046-8

APPROVED FOR RELEASE: Thursday, September 11, 2003 CIA-RDP91-00403R000200430046-8



A. Kuske

The Effect of Load Application to the Roll Neck on Notch Stresses at the Neck/Barrel Transition Region on Optimization Test.
STAHL EISEN, Vol 92, Oct 26, 1972, pp 1120-31.
BISI 11121

Sept '73

APPROVED FOR RELEASE: Thursday, September 11, 2003 CIA-RDP91-00403R000200430046-8

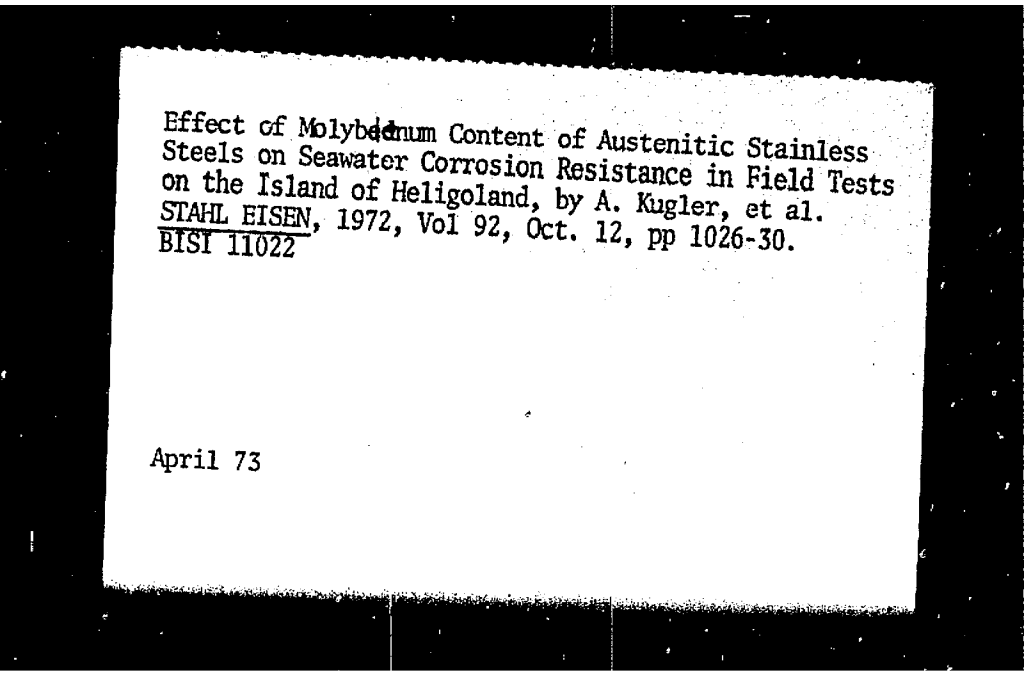
APPROVED FOR RELEASE: Thursday, September 11, 2003 CIA-RDP91-00403R000200430046-8

Schwenk, W.

General and Local Corrosion of Steels in Different Kinds of Water.
STAHL EISEN., 1972, 12th Oct., 1021-6
BISI 11181

APPROVED FOR RELEASE: Thursday, September 11, 2003 CIA-RDP91-00403R000200430046-8

APPROVED FOR RELEASE: Thursday, September 11, 2003 CIA-RDP91-00403R000200430046-8

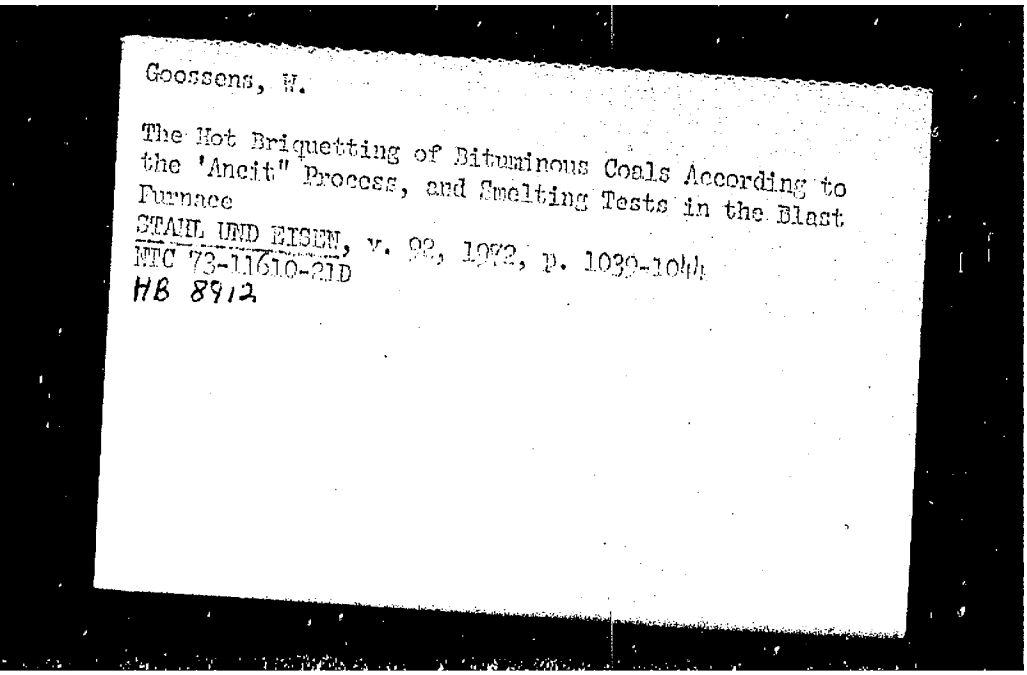


Effect of Molybdenum Content of Austenitic Stainless Steels on Seawater Corrosion Resistance in Field Tests on the Island of Heligoland, by A. Kugler, et al.
STAHL EISEN, 1972, Vol 92, Oct. 12, pp 1026-30.
BISI 11022

April 73

APPROVED FOR RELEASE: Thursday, September 11, 2003 CIA-RDP91-00403R000200430046-8

APPROVED FOR RELEASE: Thursday, September 11, 2003 CIA-RDP91-00403R000200430046-8



Goossens, W.

The Hot Briquetting of Bituminous Coals According to the 'Ancit" Process, and Smelting Tests in the Blast Furnace

STAHL UND EISEN, v. 92, 1972, p. 1039-1044

NTC 73-11610-21D

HB 8912

APPROVED FOR RELEASE: Thursday, September 11, 2003 CIA-RDP91-00403R000200430046-8

APPROVED FOR RELEASE: Thursday, September 11, 2003 CIA-RDP91-00403R000200430046-8

Friehe, W.

The effect of Si and Mn in carbon steels on the weathering rate in air and sea water.
STAHL EISEN, 1972, v92, no21, pp1044-46
*BISI 11182

APPROVED FOR RELEASE: Thursday, September 11, 2003 CIA-RDP91-00403R000200430046-8

APPROVED FOR RELEASE: Thursday, September 11, 2003 CIA-RDP91-00403R000200430046-8

Recent Developments in the Production and Processing of Hot Briquets and Formed Coke, by O. Dürmann and K. D. Haverkamp.
STAHL UND EISEN, Vol 92, 1972, No 2, pp 1046-1048.
HB-8924

April 73

APPROVED FOR RELEASE: Thursday, September 11, 2003 CIA-RDP91-00403R000200430046-8

APPROVED FOR RELEASE: Thursday, September 11, 2003 CIA-RDP91-00403R000200430046-8

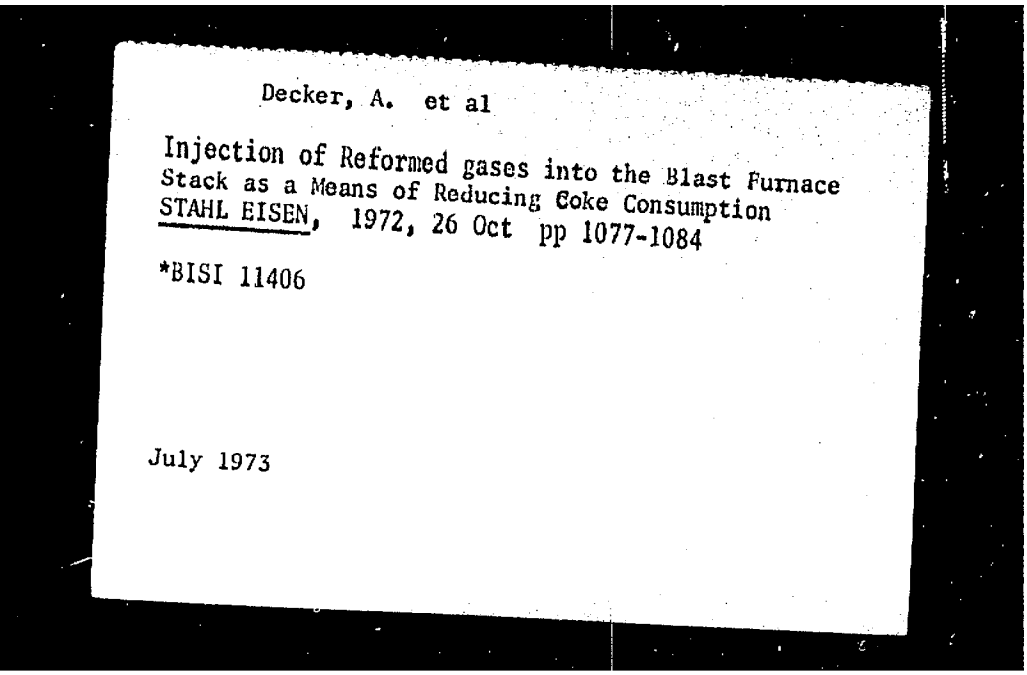
Von Bogdandy, L.
Development Trends in the Iron and Steel Industry
STAHL EISEN, 1972, 26 Oct. pp 1069-1077

BISI 110405

July 1973

APPROVED FOR RELEASE: Thursday, September 11, 2003 CIA-RDP91-00403R000200430046-8

APPROVED FOR RELEASE: Thursday, September 11, 2003 CIA-RDP91-00403R000200430046-8



Decker, A. et al

Injection of Reformed gases into the Blast Furnace Stack as a Means of Reducing Coke Consumption
STAHL EISEN, 1972, 26 Oct pp 1077-1084

*BISI 11406

July 1973

APPROVED FOR RELEASE: Thursday, September 11, 2003 CIA-RDP91-00403R000200430046-8

APPROVED FOR RELEASE: Thursday, September 11, 2003 CIA-RDP91-00403R000200430046-8

Treatment of Pig Iron with Lime and Natural Gas for Lower Sulfur and Nitrogen Contents, by U. Nölle, U. Pückoff and P. Strohmenger.
STAHL UND EISEN, Vol 92, 1972, No 22, pp 1085-1090.
HB-8944-I

April 73

APPROVED FOR RELEASE: Thursday, September 11, 2003 CIA-RDP91-00403R000200430046-8

APPROVED FOR RELEASE: Thursday, September 11, 2003 CIA-RDP91-00403R000200430046-8

Haverkamp, K.D.

General Discussion of Treatment of pig iron with lime and natural gas for lower sulfur and nitrogen contents.
STAHL UND EISEN, vol. 92, 1972, #22, pp. 1090-1093
HB 8944-II

may 73

APPROVED FOR RELEASE: Thursday, September 11, 2003 CIA-RDP91-00403R000200430046-8

APPROVED FOR RELEASE: Thursday, September 11, 2003 CIA-RDP91-00403R000200430046-8

Schrott, R.

Treatment of hot metal desulfurized with lime and natural gas in the LD-AC basic Oxygen process. STAHL UND EISEN, vol. 92, 1972, #22 pp.1094-1098 HB 8911

may 73

APPROVED FOR RELEASE: Thursday, September 11, 2003 CIA-RDP91-00403R000200430046-8

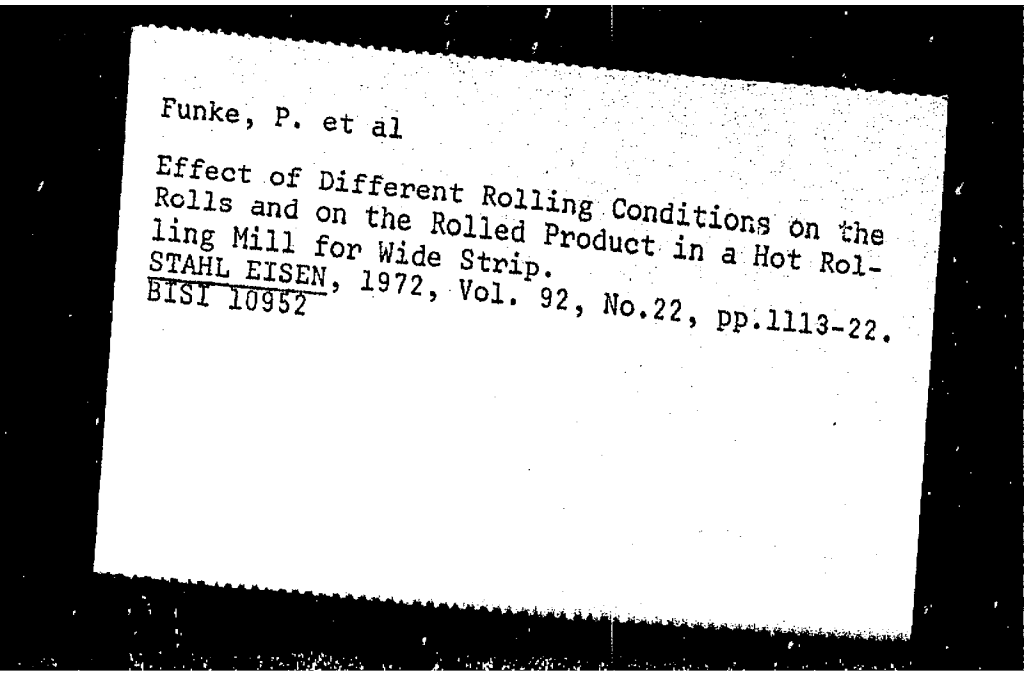
APPROVED FOR RELEASE: Thursday, September 11, 2003 CIA-RDP91-00403R000200430046-8

Investigation of the Surface Quality of Finished Rolled Products, by J. Neuhauss, et al.
STAHL EISEN, 1972, Vol 92 No 22, pp 1106-1113.
BISI 10948

April 73

APPROVED FOR RELEASE: Thursday, September 11, 2003 CIA-RDP91-00403R000200430046-8

APPROVED FOR RELEASE: Thursday, September 11, 2003 CIA-RDP91-00403R000200430046-8



Funke, P. et al

Effect of Different Rolling Conditions on the Rolls and on the Rolled Product in a Hot Rolling Mill for Wide Strip.
STAHL EISEN, 1972, Vol. 92, No.22, pp.1113-22.
BISI 10952

APPROVED FOR RELEASE: Thursday, September 11, 2003 CIA-RDP91-00403R000200430046-8

APPROVED FOR RELEASE: Thursday, September 11, 2003 CIA-RDP91-00403R000200430046-8

Safety Techniques in Heating and Processing Plants of the Steel Industry, by H. G. Carl.
STAHL UND EISEN, Vol 92, 1972, No 22, pp 1132-1136.
HB-8910

April 73

APPROVED FOR RELEASE: Thursday, September 11, 2003 CIA-RDP91-00403R000200430046-8

APPROVED FOR RELEASE: Thursday, September 11, 2003 CIA-RDP91-00403R000200430046-8

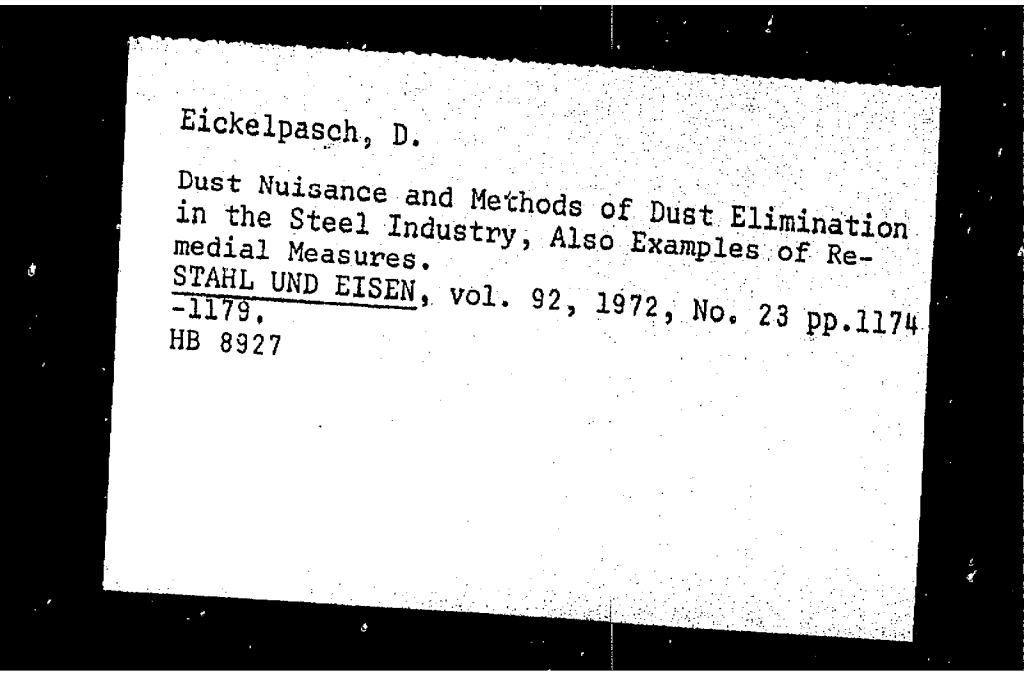
Schulz, G.

Characteristics of noise pollution and its abatement at the workplace.
STAHL UND EISEN, vol. 92, 1972, #23, pp. 1170-1173
HB 8926

may 73

APPROVED FOR RELEASE: Thursday, September 11, 2003 CIA-RDP91-00403R000200430046-8

APPROVED FOR RELEASE: Thursday, September 11, 2003 CIA-RDP91-00403R000200430046-8



Eickelpasch, D.

Dust Nuisance and Methods of Dust Elimination in the Steel Industry, Also Examples of Remedial Measures.
STAHL UND EISEN, vol. 92, 1972, No. 23 pp.1174-1179.
HB 8927

APPROVED FOR RELEASE: Thursday, September 11, 2003 CIA-RDP91-00403R000200430046-8

APPROVED FOR RELEASE: Thursday, September 11, 2003 CIA-RDP91-00403R000200430046-8

Schulz, D.

The Effect of Injecting Fuel Oil on the Operation of the Blast Furnace.
STAHL EISEN, 1972, Vol.92, No.23, pp.1179-1188.
BISI 10987

APPROVED FOR RELEASE: Thursday, September 11, 2003 CIA-RDP91-00403R000200430046-8

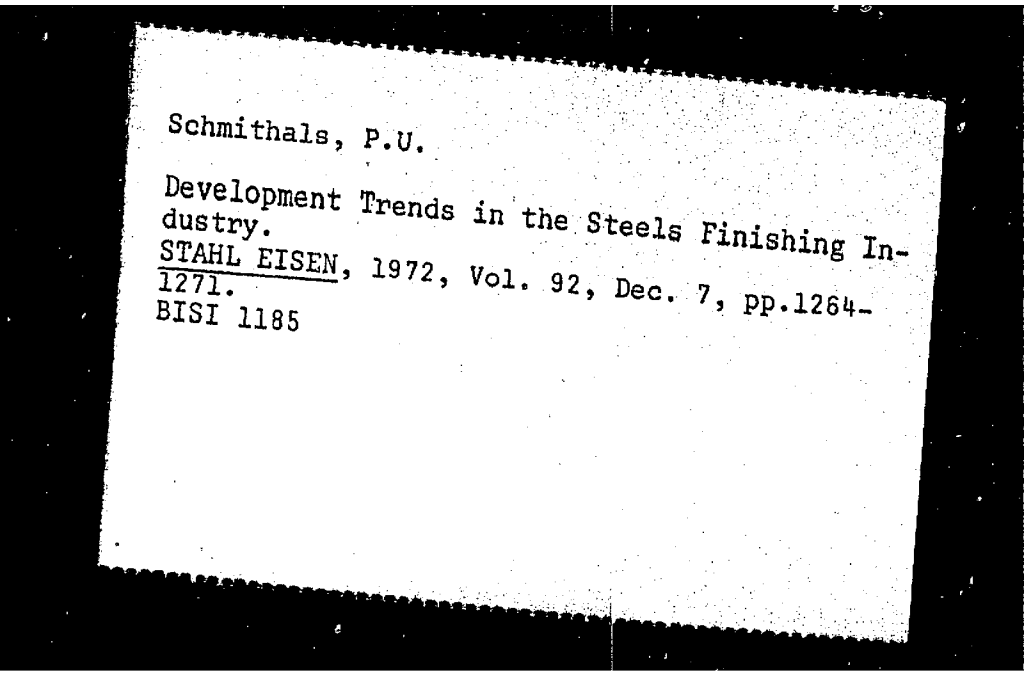
APPROVED FOR RELEASE: Thursday, September 11, 2003 CIA-RDP91-00403R000200430046-8

Pawelski, O

Studies on the Straightening of Steel Wire by Means of a Roller Straightening Machine.
STAHL EISEN., 1972, Vol. 92 No.24, pp.1215-23.
*BISI 11667

APPROVED FOR RELEASE: Thursday, September 11, 2003 CIA-RDP91-00403R000200430046-8

APPROVED FOR RELEASE: Thursday, September 11, 2003 CIA-RDP91-00403R000200430046-8



Schmithals, P.U.

Development Trends in the Steels Finishing Industry.
STAHL EISEN, 1972, Vol. 92, Dec. 7, pp.1264-1271.
BISI 1185

APPROVED FOR RELEASE: Thursday, September 11, 2003 CIA-RDP91-00403R000200430046-8

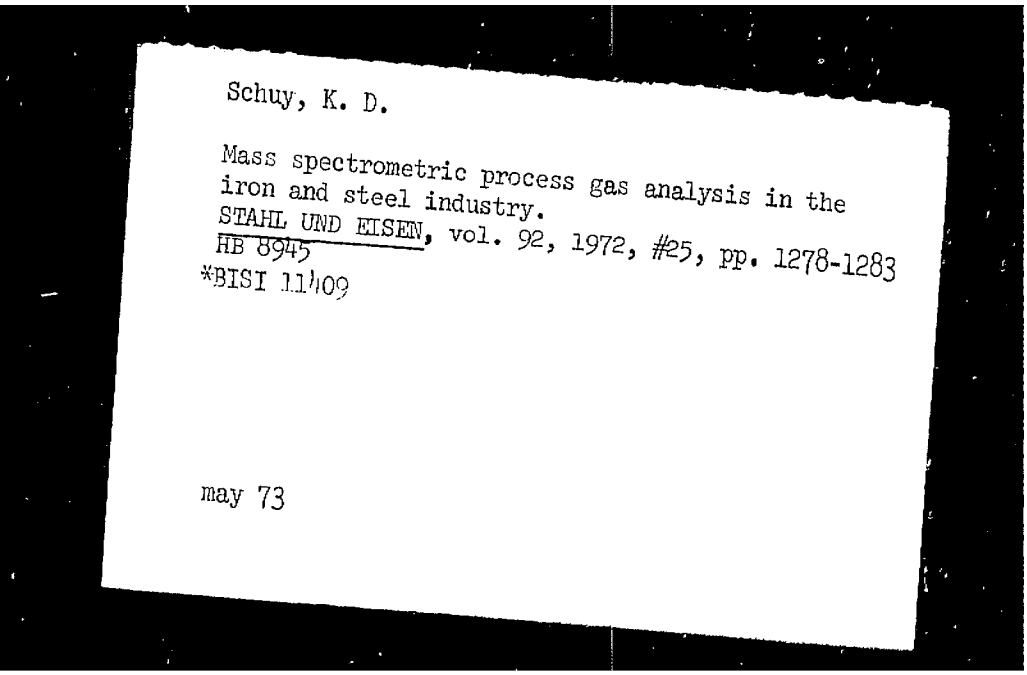
APPROVED FOR RELEASE: Thursday, September 11, 2003 CIA-RDP91-00403R000200430046-8

Billen, M.H.

Improvements by extending a one-heat section mill and using a computer.
STAHL EISEN, 1972, v.92, n.20, pp1319-1332.
BISI 11237

APPROVED FOR RELEASE: Thursday, September 11, 2003 CIA-RDP91-00403R000200430046-8

APPROVED FOR RELEASE: Thursday, September 11, 2003 CIA-RDP91-00403R000200430046-8



Schuy, K. D.

Mass spectrometric process gas analysis in the iron and steel industry.
STAHL UND EISEN, vol. 92, 1972, #25, pp. 1278-1283
HB 8945
*BISI 11409

may 73

APPROVED FOR RELEASE: Thursday, September 11, 2003 CIA-RDP91-00403R000200430046-8

APPROVED FOR RELEASE: Thursday, September 11, 2003 CIA-RDP91-00403R000200430046-8

Rubel, K.

Process for preheat coking coal in the USA and Great Britain.
STAHL EISEN, 1972, Vol. 92 No.25, pp. 1283-1286.
*BISI 11225

APPROVED FOR RELEASE: Thursday, September 11, 2003 CIA-RDP91-00403R000200430046-8

APPROVED FOR RELEASE: Thursday, September 11, 2003 CIA-RDP91-00403R000200430046-8

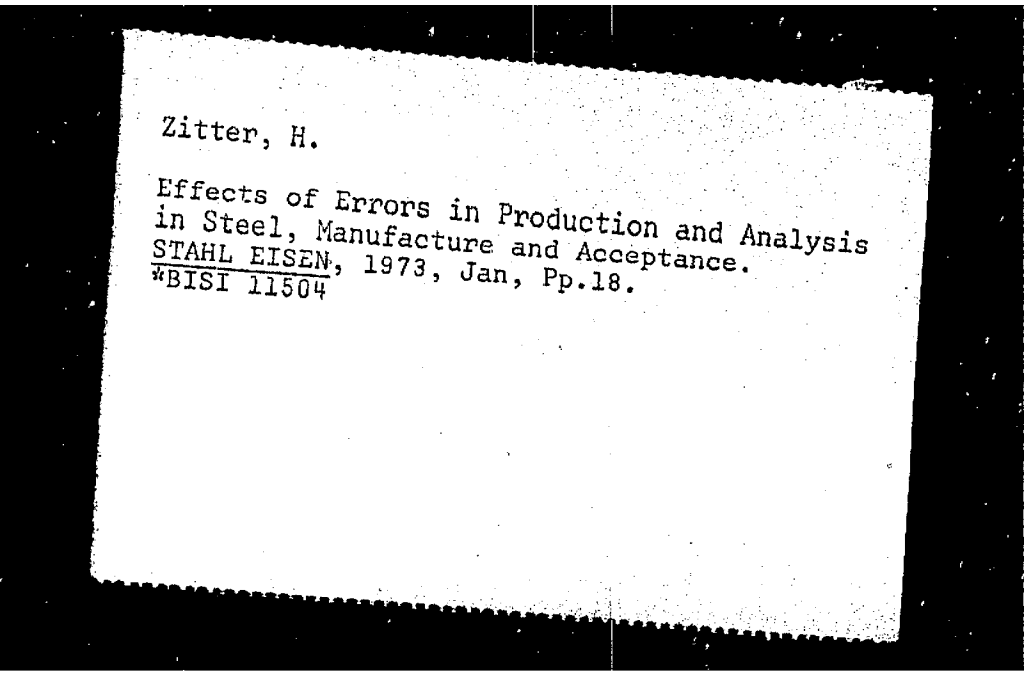
Engel, K. et al
Results of Gas Flow Measurements in Blast Furnaces with Sinter and Pellet Burdens
STAHL EISEN. 1973, 4 Jan, pp 1-8

BISI 11404

July 1973

APPROVED FOR RELEASE: Thursday, September 11, 2003 CIA-RDP91-00403R000200430046-8

APPROVED FOR RELEASE: Thursday, September 11, 2003 CIA-RDP91-00403R000200430046-8

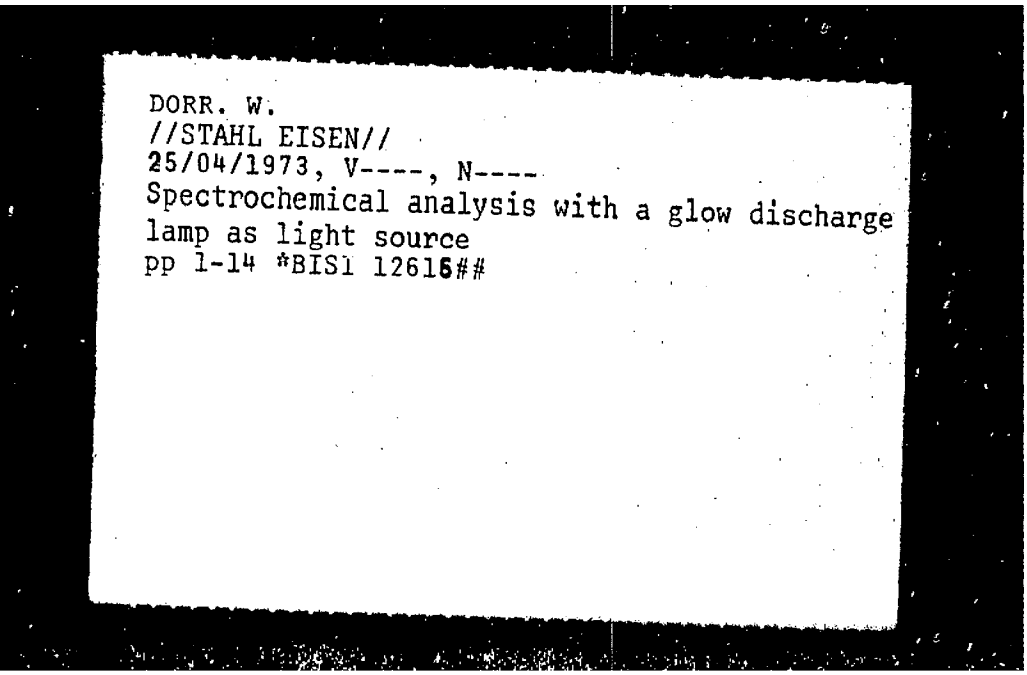


Zitter, H.

Effects of Errors in Production and Analysis in Steel, Manufacture and Acceptance.
STAHL EISEN, 1973, Jan, Pp.18.
*BISI 11504

APPROVED FOR RELEASE: Thursday, September 11, 2003 CIA-RDP91-00403R000200430046-8

APPROVED FOR RELEASE: Thursday, September 11, 2003 CIA-RDP91-00403R000200430046-8



DORR. W.
//STAHL EISEN//
25/04/1973, V----, N----
Spectrochemical analysis with a glow discharge lamp as light source
pp 1-14 *BISI 12615##

APPROVED FOR RELEASE: Thursday, September 11, 2003 CIA-RDP91-00403R000200430046-8

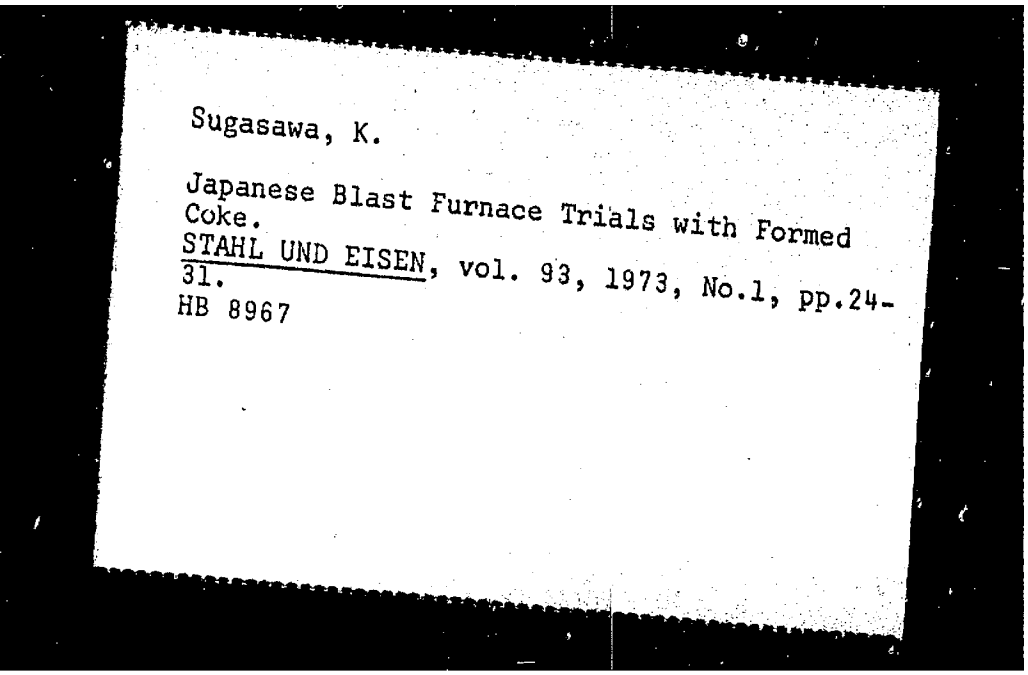
APPROVED FOR RELEASE: Thursday, September 11, 2003 CIA-RDP91-00403R000200430046-8

Bredehoff

Loss of Pressure and Optimum Size of Coke Lumps - Blast Furnace.
STAHL EISEN, 1973, Jan. pp.61-.
*BISI 11433

APPROVED FOR RELEASE: Thursday, September 11, 2003 CIA-RDP91-00403R000200430046-8

APPROVED FOR RELEASE: Thursday, September 11, 2003 CIA-RDP91-00403R000200430046-8

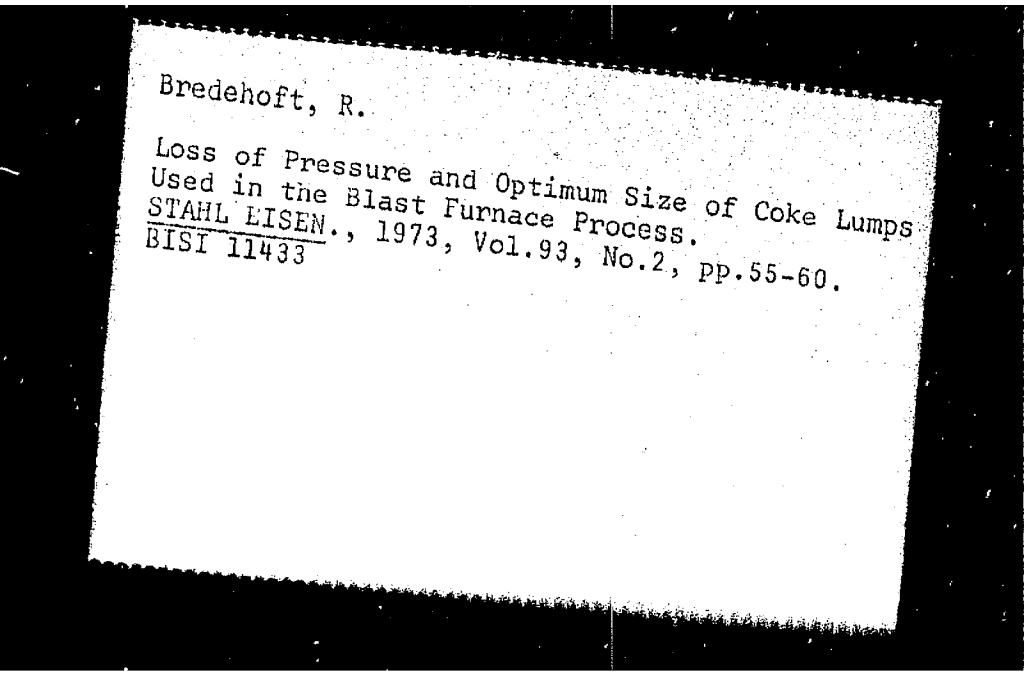


Sugasawa, K.

Japanese Blast Furnace Trials with Formed Coke.
STAHL UND EISEN, vol. 93, 1973, No.1, pp.24-31.
HB 8967

APPROVED FOR RELEASE: Thursday, September 11, 2003 CIA-RDP91-00403R000200430046-8

APPROVED FOR RELEASE: Thursday, September 11, 2003 CIA-RDP91-00403R000200430046-8

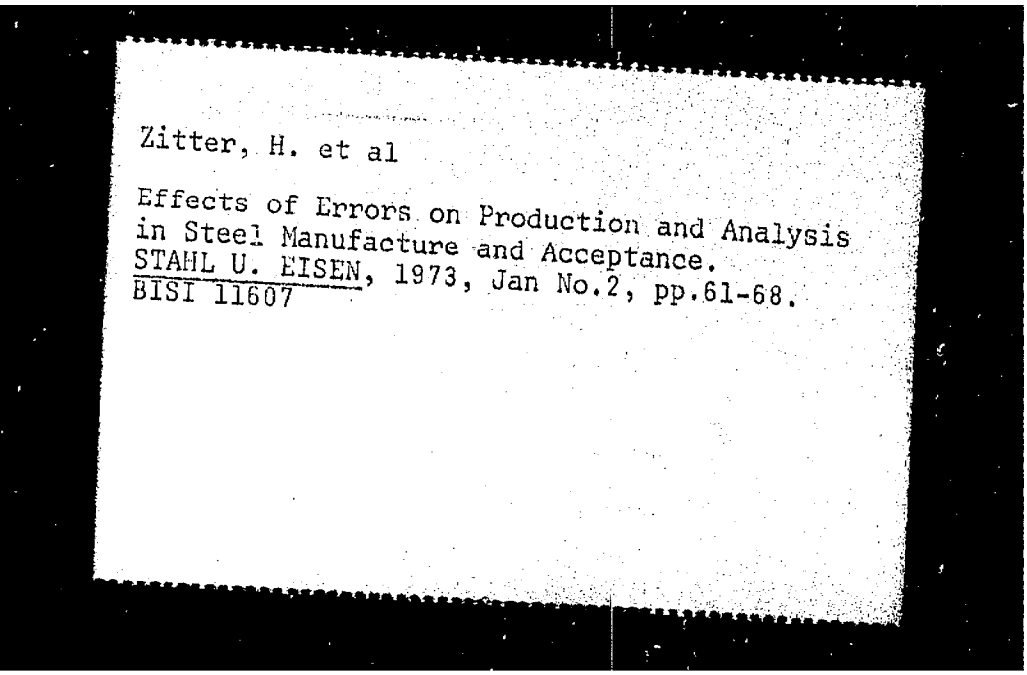


Bredehoft, R.

Loss of Pressure and Optimum Size of Coke Lumps Used in the Blast Furnace Process.
STAHL EISEN., 1973, Vol.93, No.2, PP.55-60.
BISI 11433

APPROVED FOR RELEASE: Thursday, September 11, 2003 CIA-RDP91-00403R000200430046-8

APPROVED FOR RELEASE: Thursday, September 11, 2003 CIA-RDP91-00403R000200430046-8

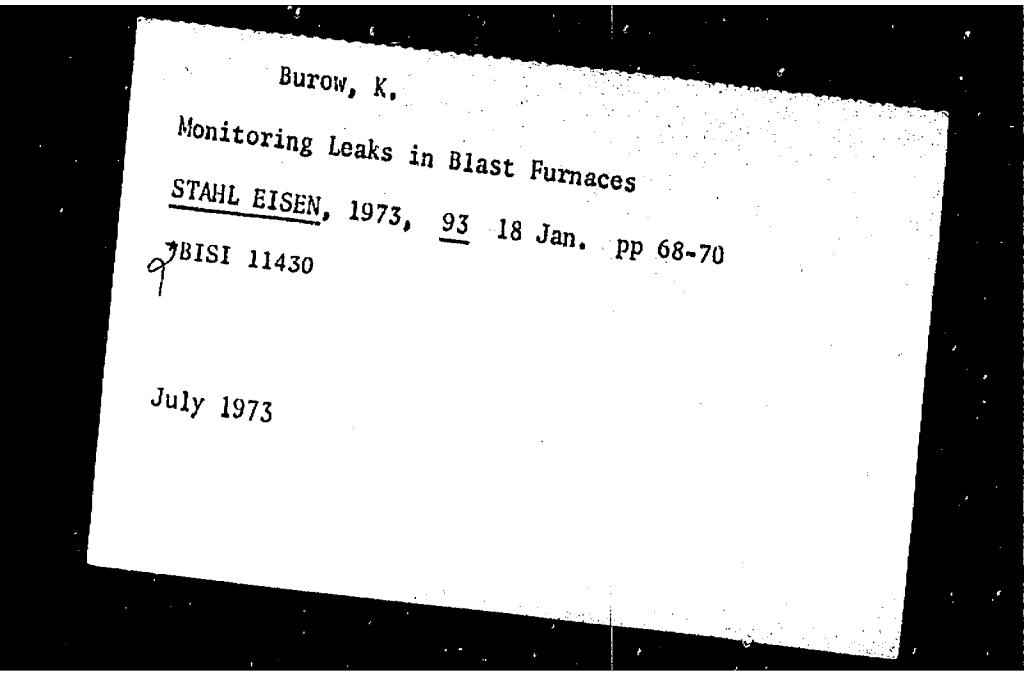


Zitter, H. et al

Effects of Errors on Production and Analysis in Steel Manufacture and Acceptance.
STAHL U. EISEN, 1973, Jan No.2, pp.61-68.
BISI 11607

APPROVED FOR RELEASE: Thursday, September 11, 2003 CIA-RDP91-00403R000200430046-8

APPROVED FOR RELEASE: Thursday, September 11, 2003 CIA-RDP91-00403R000200430046-8



Burow, K.

Monitoring Leaks in Blast Furnaces

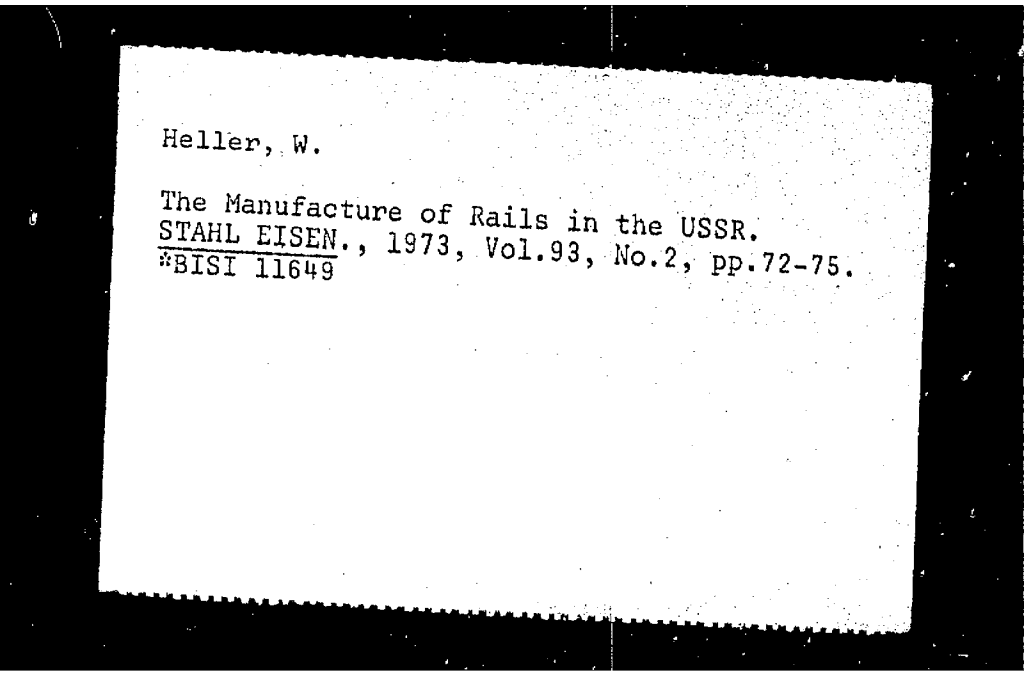
STAHL EISEN, 1973, 93 18 Jan. pp 68-70

BISI 11430

July 1973

APPROVED FOR RELEASE: Thursday, September 11, 2003 CIA-RDP91-00403R000200430046-8

APPROVED FOR RELEASE: Thursday, September 11, 2003 CIA-RDP91-00403R000200430046-8

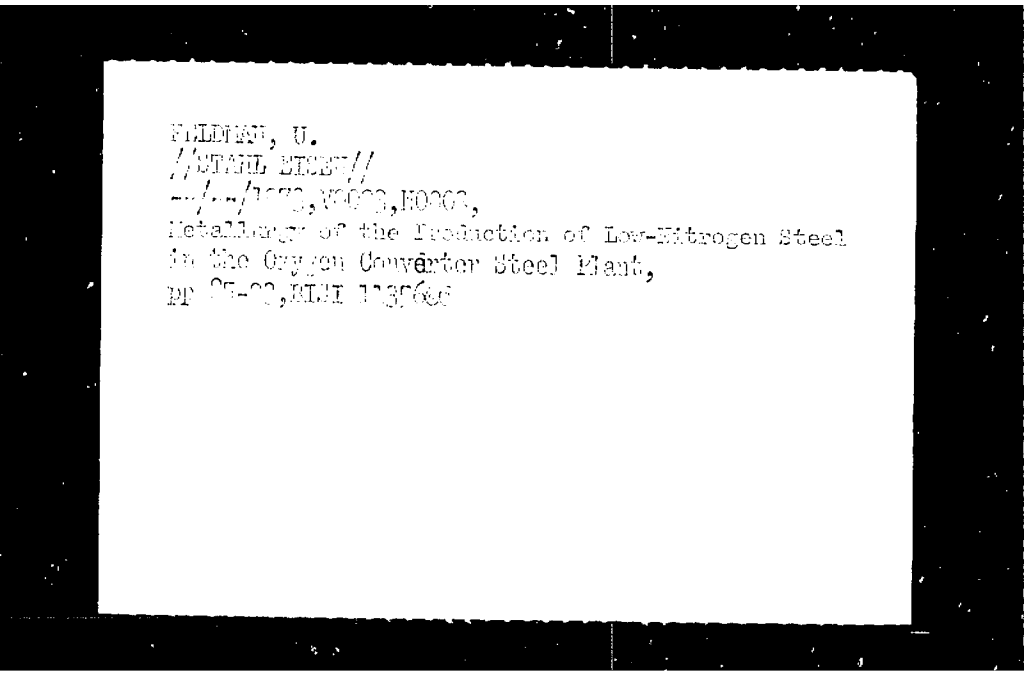


Heller, W.

The Manufacture of Rails in the USSR.
STAHL EISEN., 1973, Vol.93, No.2, pp.72-75.
*BISI 11649

APPROVED FOR RELEASE: Thursday, September 11, 2003 CIA-RDP91-00403R000200430046-8

APPROVED FOR RELEASE: Thursday, September 11, 2003 CIA-RDP91-00403R000200430046-8



FILLMAN, U.
//STAHL EISEN//
--/--/1970,V90#3,P0066,
Metallurgy of the Production of Low-Nitrogen Steel
in the Oxygen Converter Steel Plant,
PT 25-03,MLH 11366

APPROVED FOR RELEASE: Thursday, September 11, 2003 CIA-RDP91-00403R000200430046-8